

DX News

Serving DXers since 1933



Volume 86, No. 8 • January 7, 2019 • (ISSN 0737-1639)

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From the Publisher: Thanks to all of our members for a great 2018, and here's to looking forward to lots of good DX in the new year.

Holding some material for next issue: minor league hockey networks from Barry Finkel, and the latest graveyard records from Tim Hall. Our postage increases for issues of more than 24 pages, so I try to hold off on doing a larger issue until we have enough to fill 32 or 36 pages.

The FCC has continued to operate through the government shutdown with reserve funds. FCC daily updates have continued with plenty of material for AM Switch. However, Radio Insight reports that the FCC will shut down at the close of business on January 2 if appropriations are not renewed by then.

Publications and Conventions: The IRCA has published the 21st Edition of its Mexican Log. This is an indispensable resource for those who are DXing Mexican stations. A special price is available for NRC members. Please see page 22 for details on how to order.

IRCA has also announced its 2019 convention, to be held in Tukwila, Washington, which is near the Sea-Tac (Seattle-Tacoma) Airport, from September 5 to 7. All DXers are welcome. Please see page 22 for details and registration information.

Don't forget that the 8th Edition of the NRC *Antenna Pattern Book* is now available! Together with the 39th Edition of the *NRC AM Radio Log*, these are your essential tools for DXing North American AM radio stations. Order your copies today! Info on the *Log* is below, and info on the *Pattern Book* may be found on page 12.

Membership Report

New Members: Welcome to David Reitz, Reading, PA.

Rejoining Members: Welcome back to Stan Greenwood, Greeley, CO.

Renewing Members: Thanks for the ongoing support of Gregory S. Hardison; Bill Hemphill; Robert Irvin; Joseph Piccoli; Greg Putrich; David Rivera; Douglas E. Smith; and Richard Williams.

Volume 86 DX News Schedule

No	D'dline	Print	No	D'dline	Print
9	Jan. 11	Jan. 21	15	Apr. 26	May 6
10	Jan. 25	Feb. 4	16	May 17	May 27
11	Feb. 8	Feb. 18	17	June 14	June 24
12	Feb. 22	Mar. 4	18	July 12	July 22
13	Mar. 15	Mar. 25	19	Aug. 9	Aug. 19
14	Apr. 5	Apr. 15	20	Sept. 6	Sept. 16

NRC AM Radio Log 39th Edition Is Now Available

The 39th edition of the *AM Radio Log* is the authoritative source for information on AM radio stations in the United States and Canada. The *Log* contains 302 pages of data and cross references and 12 pages of instructions in 8-1/2" x 11" size, 3-hole punched, U.S. loose leaf format. This publication fits nicely into a 1" three-ring binder. 10,000+ updates since last year's 38th Edition of the *Log*! New for this year is a cross reference by State/ Provinces in frequency order. This list is ideal for targeting needed areas. Additional reference lists include call letters of FM simulcasts with the AM Stations listing, listings of regional groups of stations in the groups section (separate section of the *Log*), a cross reference of those stations that are licensed to use IBOC (In Band On Channel) digital audio, and a comprehensive list of FM translators that are now simulcasting with AM broadcasters.

Order by snail mail by check or money order in US funds to National Radio Club, P.O. Box 473251, Aurora, CO 80047-3251 or order using your Pay Pal account at <http://www.nationalradioclub.org/>

To the United States (Priority Mail) – members \$26.95, non-members \$32.95

To Canada (Global Priority Mail) – members/non-members US\$40.25

Outside US/Canada (Global Priority Mail) – members/non-members US\$51.25



AM Switch

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 Canadian info – Compiled by Shawn Axelrod and Dan Sys
 NRC AM Log updates from Wayne Heinen, amlog@nationalradioclub.org

FCC and CRTC Decisions and Applications

CALL CHANGES

- 910 WAVL PA **Apollo** – Call change to WXJX (Dec. 20).
 1140 WNWF FL **Destin** – Call change to WPNS (Dec. 21).
 1270 KVGH CA **Thousand Palms** – Call change to KGAY (Dec. 26).
 1470 WPNS AL **Evergreen** – Call change to WNWF (Dec. 21).
 1560 KNGR TX **Daingerfield** – Call change to KNDF (Dec. 24; station is silent – see below).

STATIONS GOING DARK

- 1280 WCPM KY **Cumberland** – Station has been silent since Dec. 7, 2017; it informed the FCC that it resumed broadcasting from a temporary location on Nov. 29 but never applied for or received an STA; broadcasting from unauthorized facilities doesn't count towards the "don't be silent for a year or you'll lose your license" rule so the FCC has cancelled the license. Subsequently, an STA application was filed on Dec. 18.

CONSTRUCTION PERMITS (CPs FOR EXISTING STATIONS)

CP fully licensed and on the air:

- 1580 WVOZ PR **Aguadilla** – CP for U5 1000/1000, CoL ex-Morovis PR, new site 18-24-09/67-08-48, is on the air.

CP built, awaiting final licensing:

- 1280 WWTC MN **Minneapolis** – Applies for license to cover CP for U4 1 0000/15000, new site 44-47-18/93-12-54.

CPs granted:

- 910 WABK ME **Bangor** – Granted CP with U1 5000/210.
 1280 WIPC FL **Lake Wales** – Granted CP with U1 1000/150.

Amendments to previously granted CPs granted:

- 590 WJMS MI **Ironwood** – Has a CP to correct coordinates; granted amendment for U1 5000/113 at the corrected coordinates of 46-25-28/90-12-33.
 1530 WOBX NC **Wanchese** – Has a CP for D1 250 from a new site; granted amendment to remain at the existing site, again with D1 250.

Applications for CPs filed:

- 1320 WAGY NC **Forest City** – Applies for CP with U1 1000/30, coordinates to 35-21-16/81-52-46.
 1420 WKSR TN **Pulaski** – Applies for CP with U1 1000/60, coordinates to 35-12-01/87-04-30.
 1490 KOBM NE **Omaha** – Applies for CP with U1 1000/240, new site 41-18-47/96-00-37.

SPECIAL TEMPORARY AUTHORITY (STA)

STAs granted:

- 567 KGUM GU **Agaña** – Granted STA, U1 5000/5000, 400' longwire at licensed site.
 1130 WRRL WV **Rainelle** – Granted STA, D1 100, temp. antenna at 37-58-09/80-46-44.
 1270 KZTQ NV **Sparks** – Granted STA, night parameters at variance.
 1290 WNBF NY **Binghamton** – Granted STA, U1 9300/1250.
 1410 WHBT FL **Tallahassee** – Granted STA, D1 30, 165' longwire at 30-27-47/84-21-28.
 1550 KKCL CO **Golden** – Granted STA, U1 990/87½.

Application for STA filed:

- 1280 WZXI KY **Lancaster** – Applies for STA, U1 500/20, 160' LW at 37-37-54/84-33-53.



Extensions to previous STAs granted:

- 560 WNSR TN Brentwood – Granted STA extension, U1 1125/75 from licensed night site.
 590 KUGN OR Eugene – Granted STA extension, U4 1400/5000, night pattern 24 hours.
 740 KCMC TX Texarkana – Granted STA extension, U1 680/68 from CP site.
 790 KJRB WA Spokane – Granted STA extension, night parameters at variance.
 810 WKVM PR San Juan – Granted STA extension, reduced power (unspecified).
 820 WWLZ NY Horseheads – Granted STA extension, U1 4100/210 or night parameters at variance.
 870 WQBS PR San Juan – Granted STA extension, U1 1250/1250.
 910 WRKL NY New City – Granted STA extension, U1 250/200.
 1150 KKNW WA Seattle – Granted STA extension, parameters at variance.
 1260 WRIE PA Erie – Granted STA extension, parameters at variance.
 1280 KFRN CA Long Beach – Granted STA extension, day parameters at variance.
 1480 WVOI FL Marco Island – Granted STA extension, U1 250/250.
 1510 KGA WA Spokane – Granted STA extension, U4 14000/15000, night pattern 24 hours.

Application to extend previous STA denied:

- 1170 WQHC AL Hanceville – Application to extend STA for D1 10 from temporary antenna denied; station has had several CPs to build a new tower over the last 6 years and hasn't explained why it hasn't just built the new tower.

Applications to extend previous STA filed:

- 640 WMEN FL Royal Palm Beach – Applies to extend STA, U4 25000/4500, Cuba QRM.
 1110 WVJP PR Caguas – Applies to extend STA, temporary inverted-L antenna.
 1230 WNIK PR Arecibo – Applies to extend STA, temporary (shorter) tower.
 1320 KNIT UT Salt Lake City – Applies to extend STA, D1 90, 120' LW at 40-39-57/111-54-26.
 1330 WBGW IN Evansville – Applies to extend STA, U1 5000/250.
 1370 WCOA FL Pensacola – Applies to extend STA, U3 2000/2000, night pattern 24 hours.
 1460 WKHZ MD Easton – Applies to extend STA, day parameters at variance.
 1540 KZMP TX University Park – Applies to extend STA, reduced night power (unspecified).
 1550 WUSP NY Utica – Applies to extend STA, reduced day power (unspecified).
 1580 WPJK SC Orangeburg – Applies to extend STA, D1 500 from CP tower.

SILENT STATIONS

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

- 880 KLRG AR Sheridan – Silent Nov. 16; back on the air Dec. 13 with reduced power.
 1020 KVNT AK Eagle River – Silent Nov. 30; back on the air Dec. 19.
 1160 WBYN PA Lehighton – Silent Mar. 4; back on the air Dec. 13.
 1500 WGHT NJ Pompton Lakes – Silent Dec. 15 (2017); back on the air Dec. 6.

Stations informing the FCC that they are silent:

- 950 WCDC SC Moncks Corner – Silent Dec. 17; new owners need to do technical work.
 1220 WREV NC Reidsville – Silent Dec. 13; programming source and power supply issues.
 1320 WTOW NC Washington – Silent June 1; copper thieves stole transmitter and tuning unit.
 1330 WCVC FL Tallahassee – Silent Nov. 28; has lost its transmitter site.
 1560 KNGR TX Daingerfield – Silent Dec. 16; the copper thieves strike again.

COORDINATE CORRECTION

- 1170 WFDL WI Waupon – Amends its application to correct coordinates to correct it to 48-38-35/88-43-25.
 1490 KCID ID Caldwell – Applies for CP to correct coordinates to 43-39-57/116-38-01.

NRC AM Log updates

- 540 KMLB LA Monroe – Networks to A/Ru/P/DR/WW1/C2C.
 550 WDUN GA Gainesville – Networks Adds DR Dave Ramsey.
 580 KRFE TX Lubbock – Networks to Fox/WW1/BTR/DR/MRN.
 590 WAFC FL Clewiston – Format to C&W (ex-CLR); slogan & Group to Grp= Pure Country WAFC (ex-Grp= Classic Hits).
 690 WOKV FL Jacksonville – Format to SPT (ex-NWS/TLK); networks to ESPN; delete // WOKV-FM-104.5; delete slogan.



700	KHSE	TX	Wylie – Format to Asian (ex-Brokered/REL); slogan to "Radio Caravan," adds // K281CS-104.1; delete Grp= Voz Evangélica. (WH)
930	KOGA	NE	Ogallala – Format to C&W (ex-NOS).
980	KICA	NM	Clovis – Format to SPT/TLK (ex-SPT); networks to FSR; slogan & Group to Grp= HPRN.
1000	WDJL	AL	Huntsville – Adds // W234AD-94.7. (FCC)
1070	KILR	IA	Estherville – Networks to SRN/RIa/Ru/P/WW1. (WH)
1090	KVOP	TX	Plainview – Format to SPT/TLK (ex-TLK); networks to FSR; slogan & Group to Grp= HPRN.
1160	WSKW	ME	Skowhegan – Format to OLD (ex-C&W); delete slogan, networks.
1210	WTXK	AL	Pike Road – Networks to ESPN/MRN/PRN.
1240	WKEZ	WV	Bluefield – Slogan to "Z 98.7."
1250	KBRF	MN	Fergus Falls – Slogan to "NewsTalk." (WH)
1260	KSML	TX	Diboll – Format to SPT (ex-TLK); networks to Ns.
1270	KGAY	CA	Thousand Palms – (ex-KVGH) Format to LGBTQ TLK (ex-CLR); Group to Grp= Free 106.5 (ex-Grp= Valley 106.5).
1300	KVET	TX	Austin – Adds // K276EL-103.1. (FCC)
1340	WTRC	IN	Elkhart – Adds // W270DK-101.9. (FCC)
	KSGT	WY	Jackson – Slogan to "Juan 1340 & 96.3."
1380	WABH	NY	Bath – Networks to C. (MB)
1400	KVTO	CA	Berkeley – Adds // K229DD-93.7. (FCC)
	WWWS	NY	Buffalo – Slogan to "Classic R&B 107.3," adds // W297AB-107.3; delete nets.
1410	KOOQ	NE	North Platte – Format to CLR (ex-SPT); delete networks.
1430	KLO	UT	Ogden – Format to NOS (ex-TLK); slogan "Unforgettable 1430," nets to WW1.
1440	WLXN	NC	Lexington – Slogan & Group to Grp= Majic 99.9.
1450	WHLL	MA	Springfield – Format to C&W (ex-SPT); slogan to "98.1 Nash Icon," networks to WW1; adds // W251CT-98.1.
	WNOS	NC	New Bern – Delete // W298BX-107.5. (FCC)
1460	KCLE	TX	Burleson – Format to Vietnamese (ex-Asian); Group to Grp= Vien Thao (ex-Grp= The Outlaw).
1490	WIEZ	AL	Decatur – Slogan to "Oldies Radio," delete // W234AD-94.7.
	KRUS	LA	Ruston – Slogan to "Rejoice 96.3 & 1490."
	KTSN	TX	Austin – Group to Grp= Sun Radio 101.1 (ex-Grp= Sun Radio 103.1).
	WINQ	VT	Brattleboro – Adds // W295CO-106.9; delete // W262CL-100.3. (FCC)
1510	KOAZ	NM	Isleta – Slogan to "103.7 The Oasis," adds // K279BP-103.7; delete Grp= 103.7 The Oasis.
	KGA	WA	Spokane – Adds // K278CY-103.5. (FCC)
1530	WCKY	OH	Cincinnati – Slogan to "ESPN 1530." (WH)
	WZTE	PA	Union City – Adds // W277DS-103.3; delete // WMCE-FM-88.5.
1570	WECU	NC	Winterville – Adds // W298BX-107.5. (FCC)
1580	WDQN	IL	Du Quoin – Format to AC (ex-ACd/C&Wn/CLRan); slogan to "Sunny 97.1."
	WVOZ	PR	Morovis – Adds // W286DL-105.1. (FCC)
1590	WCAM	SC	Camden – Format to C&W (ex-NOS); slogan to "Carolina's Country Classics," networks to Fox/SCn/SCs.
1600	KRFS	NE	Superior – Slogan to "The Variety Station," delete // KRFS-FM-103.9. (WH)
	WPDC	PA	Elizabethtown – Adds // W271DA-102.1. (FCC)
1670	KQMS	CA	Redding – Networks to Fox/Ru/P/WW1/C2C.

New Groups

Grp= HPRN – KVOP-1090, KICA-980, KKNM-96.5, KGRW-94.7
 Grp= Majic 99.9 – WLXN-1440, W260BG-99.9, W291DD-106.1

Group Changes

Grp = Sun Radio 103.1 drops K276EL-103.1
 Grp= Sun Radio 101.1 adds K261DW-100.1
 Grp= Voz Evangélica drops KHSE-700 and K281CS-104.1

Group Name Changes

Grp Classic Hits becomes Pure Country WAFC
 Grp= Sun Radio 103.1 becomes Sun Radio 101.1
 Grp= The Outlaw becomes Grp= Vien Thao (WH)
 Grp= Valley 106.5 becomes Free 106.5



Deleted Group

Grp= 103.7 The Oasis

Radio Insight – LGBTQ Format

Sunnylands Broadcasting Classic Hits “Valley 106.5” 1270 KVGH/106.5 K293CL Thousand Palms/Palm Springs will debut its new for LGBTQ by LGBTQ format on Wednesday, December 26. The change comes with operations of the station and sister Soft AC “CV 104.3” KHCV Mecca coming under the umbrellas of non-profit QChella Media Corporation. Led by President Elijah Hartman, the radio operations will be overseen by longtime broadcast executive Brad Fuhr. New KGAY call letters are pending.

Thanks to Shawn Axelrod, Bill Hale, FCC Database (FCC), and Mike Brooker (MB).

Domestic DX Digest – East

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

REPORTERS

MD-MA **Marc DeLorenzo, South Dennis** – 2006 Camry Car Radio
 JF-NJ **Joseph Fela, South Plainfield** – SuperRadio II
 TF-NH **Tony Fitzherbert, Campton** – Grundig S450DLX, Grundig AM 200 loop
 HJH-PA **Harry Hayes, Wilkes-Barre** – C Crane Skywave, Kiwi Pocket Loop
 TLK-FL **Terry Krueger, Clearwater** – NRD-535, IC-R75, longwires, active loop
 GL-NH **Ginnie Lupi, Concord** – CC Radio 2E, Select-A-Tenna
 RJS-OH **Bob Schroeder, Cincinnati** – Yaesu FT-991A with random wire & MFJ 956 tuner; CCrane Skywave or XHDATA D-808, barefoot or with 2-foot box loop or 5.5 inch FSL.
 JW-PA **Jim Weber, Oyster Point** – Grundig S350
 NjW-ON **Niel Wolfish, Toronto** – WinRadio Excalibur G31DDC + Wellbrook Loop
 MKB-ON **Mike Brooker, Toronto** – Grundig YB-400PE, Sony SRF-39FP, C Crane CC Skywave, Panasonic RF-2200

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UNID

910 unID -- – 12/16 0650 – Preacher (but on a local Sunday morning, so maybe not the usual format). Male ID at 0700 with mention of “W2...” so someone with a translator. Pointing north. Presumably not WJCW (no translator listed). (TLK-FL)
 1510 unID -- - 11/26 2135 – EWTN feed, Catholic hymns under rock music from WRNJ. (TF-NH)

LOGGINGS

540 WKFN TN **Clarksville** – 12/26 1655 – Local traffic report from “Clarksville.com traffic center”. Promos for Jim Rome show followed by announcement from the Montgomery County sheriff. Clear ID at 1659 and into Sports Center. (RJS-OH)
 560 WFRB MD **Frostburg** – 12/25 0700 – Over CFOS-Owen Sound with ID: “Willie is real country...WFRB AM Frostburg...102.7 FM and 560 AM” into a C&W Christmas tune. (NjW-ON)
 WHBQ TN **Memphis** – 12/26 1724 – “Sports 560 and Eight-Seventy-Seven FM” slogan. Ads for Rendezvous Restaurant, Germantown Village Wine & Liquor and local Hyundai dealer. (RJS-OH)
 580 WHP PA **Harrisburg** – 12/17 0727 – Over CJCL-590 slop with local traffic, “from the WHP 580 newsroom...” into local news. (MKB-ON)
 690 WZAP VA **Bristol** – 12/24 0759 – Mixing with CKGM-Montreal with light religious music and ToH ID that mentions “Bristol-Johnston City-Kingsport” and also FM 93.3. Religious broadcast followed. (NjW-ON)



- 720 WGCR NC **Pisgah Forest** – 12/23 0800 – Under WGN-Chicago with ID that mentions FM 94.9 and wgcr.net followed by a woman giving weather forecast. (NjW-ON)
- 730 WZGV NC **Cramerton** – 12/23 0800 – ToH ID: “this is Charlotte’s sports information source ESPN 730 WZSN Cramerton-Charlotte”. (NjW-ON)
- 790 WQXI GA **Atlanta** – 12/19 1806 – Presumed fighting usual pest WAEB with Paul Anka's "Put Your Head on my Shoulder" into Korean talk. Korean sounds like Mandarin Chinese, but without the singsong intonation. (MKB-ON)
- 800 WSVS VA **Crewe** – 12/26 0658 – Out of C&W ditty with man giving weather, followed by ID and news from Virginia News Network. On top of CKLW-Windsor and CJBQ-Belleville. (NjW-ON)
- 910 WJCW TN **Johnson City** – 12/17 0600 – Male "Tri-Cities Talk Radio, AM 9-10, WJCW" into Fox News. Local news after, with time check, ID, and still obsessed with the December 12th mere 4.4 Tennessee earthquake talk (they need to Google "2006 Gulf Of Mexico Earthquake Wiki" for what was felt on my back porch here). Presumed the same one with Red Eye Radio earlier, then America In the Morning (their website indicate they break from RER at 0500 ET for one hour of America In the Morning before going into local programming after Fox News). (TLK-FL)
- 920 KARN AR **Little Rock** – 12/16 0705 – CBS Sports spew, often briefly appears my post-sunrise. (TLK-FL)
- WMNI OH **Columbus** – 12/26 0700 – Under CKNX-Wingham with ad for Three-C Body Shops, ToH ID by woman and news read by that very same woman. (NjW-ON)
- 930 WGAD AL **Rainbow City** – 12/17 0704 – Redneckfemale "...at...on WGAD." Then an actual live and local male host requesting song requests to 256 area code local number, into "My Babe" by Rick Nelson. Extremely poor, with mostly WFXJ and WLSS co-channel. // station website. Also noted 12/26 0634 – stronger than my initial log a few days prior, with male "WGAD, WGAD" into John Stewart/Stevie Nicks "Gold" then "Mama Can't Buy You Love" by Elton John. (TLK-FL)
- 940 WCPC MS **Houston** – 12/23 0800 – Community Calendar, ID: “Clear Channel WCPC-Houston, Mississippi” into the Lutheran Hour. Mixing with WKGM in Smithfield, VA. (NjW-ON)
- 950 KXJK AR **Forest City** – 12/26 0700 – Orchestral Star Spangled Banner then male mentioning "Wednesday, December 26th, 46-degrees..." and weather forecast, ad for Crazy 8 store. (TLK-FL)
- WCTN MD **Potomac-Cabin John** – 12/24 0701 – Over WWJ-Detroit with Stevie Wonder’s “Sir Drake” and ID by woman. (NjW-ON)
- CFAM MB **Altona** – 12/25 2359 – Weather forecast, promo for Back to the Bible broadcast, ID and “Classics ‘Til Dawn with Terry Klippenstein” program. (NjW-ON)
- 970 WHA WI **Madison** – 12/28 1718 – Under nulled Buffalo pest with NPR's Ideas Network program, "Wisconsin Public Radio" slogan. (MKB-ON)
- 980 WYFN TN **Nashville** – 12/26 0658 – Religious music, ID and SRN news over top of CFPL-London and WTEM Washington. (NjW-ON)
- 990 WJEH OH **Gallopolis** – 12/26 -0702 – Under CBW-Winnipeg with gospel music and ID: “WJEH Gallipolis, Point Pleasant, Middleport and Pomeroy”. (NjW-ON)
- 1000 WYBT FL **Blountstown** – 12/27 0750 – "True Colors" by Cyndi Lauper, "Get Ready" by the Temptations into Peter Gabriel "In Your Eyes." Confirmed via phone call with Gerry Bishop in Niceville, who was hearing the Gabriel song. Under badly wobbling Radio Artemisa. (TLK-FL)
- WLNL NY **Horseheads** – 11/27 1627 – Atop frequency with Christian rock music, pastor promoting a non-traditional rehabilitation program, prayer minute, and then "Song Time on WLNL". (TF-NH)
- 1030 WUFL MI **Sterling Heights** – 12/28 0811 – Fighting nulled WBZ with rock-ish gospel songs, Family Life Radio promos. (MKB-ON)
- 1080 WNWI IL **Oak Lawn** – 12/24 0858 – Man speaking in Polish. Announcement in EE that WNWI has airtime available: “...always better radio enjoyment on Chicago’s super ethnic station at AM 1080. We are WNWI Oak Lawn-Chicago”. (NjW-ON)
- 1110 WMBI IL **Chicago** – 12/24 0900 – ToH ID in Spanish followed by light Christian music sung by woman. (NjW-ON)
- KFAB NE **Omaha** – 12/26 0810 – Wiping out WBT with "7:10 on News Radio KFAB" ID into talk about Nebraska's football recruiting class of 2019. (MKB-ON)



- 1120 WUST DC **Washington** – 12/3 1637 – Spanish talk, actually yelling, mixed with WBNW, WPRX (with SS music) and WKAJ (with C&W), new here. **(TF-NH)**
- 1160 WVNJ NJ **Oakland** – 12/18 0439 – "Celebrate Christmas for who and what it was always intended to be" then "wishing you a blessed Advent, this is Relevant Radio" by woman at 0442. Lots of static and fading. **(GL-NH)**
- 1200 WTLA NY **North Syracuse** – 11/26 2158 – Local ads for a car dealership, a sub shop, and Mastro's Restaurant in Syracuse, promo for football, into Tennessee v. Houston Monday night football. Way over WXKS, CFGO, new for me. **(TF-NH)**
- 1230 WGUY ME **Veazie** – 11/26 1620 – Way atop frequency with old rock music, "This is the legend, WGUY – I'm Michael O'Hara", into more rock oldies, an almost night regular, incredible for 640 watts from a site 200 miles from me. WGUY was once a 5000 watt daytime station on 1250 in Bangor, was the sister station for WGAN-560 in Portland with CBS feed, before going dark in the 1960's, I believe. It was one of Maine's first radio stations, was owned by Guy Gannett Publishing, which also owned four daily newspapers in Maine. Before going silent, the old WGUY got permission for 5000 watts at night, moved its operation to a two tower antenna system across the Penobscot River in Brewer, went full time and then went silent. **(TF-NH)**
- WCMC NJ **Wildwood** – 12/18 1707 – Caught slogan "We're South Jersey's station for Classic Oldies, AM 1230 and 1340..." into 1950s oldie before fading into graveyard mush. **(MKB-ON)**
- WENY NY **Elmira** – 12/21 1703 – Out of mush with "...and now back to Frankly Speaking on News Talk 1230 and 1450 WENY". **(MKB-ON)**
- 1280 WHTK NY **Rochester** – 12/20 1627 – In strong with Padillo's Fitness Gear ad, Palmer's ad: "900 Jefferson Road, Henrietta", then "Fox Sports 1280" slogan. Faded at 1629. **(GL-NH)**
- 1290 WWTX DE **Wilmington** – 12/20 1630 – "We power Delaware" and "WWTX" by man popped out of slop and immediately disappeared. **(GL-NH)**
- WNBF NY **Binghamton** – 12/4 1622 – Sean Hannity Show, over/under Howie Carr on WKBK. Not noted here before, maybe should pay more attention to 1290! **(TF-NH)**
- WHIO OH **Dayton** – 12/20 1802 – Creaming usual CJBK with "WHIO Triple Team traffic", "WHIO news time is 6:02" into local news. **(MKB-ON)**
- 1300 KGLO IA **Mason City** – 12/26 0859 – Local weather forecast and ID in the Tim Fleming Morning Show. Mixing with UNID religious station (presumably WNQM in Nashville). No sign of usual WOOD-Grand Rapids. **(NjW-ON)**
- 1310 WRVP NY **Mount Kisco** – 12/3 1625 – Atop with Spanish Christmas music, same as on 1330-WWRV, lost at 1630 with power drop to 33 watts. Also noted 12/14 1604 with Spanish preacher, same as on more audible WWRV. **(TF-NH)**
- 1330 WKTA IL **Evanston** – 12/24 0900 – ToH ID: "AM 1330 WKTA Evanston-Northbrook-Chicago and FM 95.9 W240DE Evanston". **(NjW-ON)**
- WBGW IN **Evansville** – 12/24 0700 – ToH ID: "this is 13-30 WBGW Evansville – the finest in Christian Bible teaching and preaching..." into gospel show. **(NjW-ON)**
- 1340 WTRC IN **Elkhart** – 12/25 0800 – ToH ID: "WTRC Elkhart, your music, your memories, 1340 AM and 101 point 9 FM". **(NjW-ON)**
- 1350 WINY CT **Putnam** – 12/17 0702 – Woman with news, local weather (rain/snow showers, temps 40-45), ad for Premiere Chevrolet, man interviewing woman who says "we moved to Putnam in..." Interview with a funeral home owner, then "making your mark in Northeast Connecticut" by man. Lots of fading. **(GL-NH)**
- +++ - 12/23 0720 – Over all comers with "WINY Putnam...happy holidays" jingle into sappy version of White Christmas. **(MKB-ON)**
- KRNT IA **Des Moines** – 12/26 0900 – ToH ID that mentions FM 102.1 and usual ESPN stuff. **(NjW-ON)**
- WOYK PA **York** – 12/22 1300 – Fair mid-day signal with promo for Washington Capitals hockey on "Sports Radio 1350 WOYK". Tis the season for daytime skip. **(MKB-ON)**
- 1360 WYOS NY **Binghamton** – 12/14 1620 – Sports talk, nice ID at 1625 for "AM 13 60 Sports Radio, WYOS", mixed of course with WDRC and WTOC. **(TF-NH)**



- 1370 WJIP NY **Ellenville** – 12/11 1633 – "I'm George Morris with news on 1450 and 1370, WKIP" briefly atop frequency. WKIP-1450 in Poughkeepsie is simulcast by Ellenville's WJIP. George Morris and others sit in a studio somewhere and tape local news, often day old stories, before feeding it to a bunch of iHeart stations including WGIR-610 in Manchester, WTAG-580, WELI-960, WHJJ-920, and probably others. Talk about being cheap! Often the names of local towns and geographical features are amusingly mispronounced by this low budget news delivery from a remote point. **(TF-NH)**
- WCCN WI **Neillsville** – 12/24 0858 – Man reading scores from the NFL games that took place on Sunday (including the Green Bay Packers game), followed by ID: "this is your home for American classics, 1370 AM WCCN Neillsville" and then a MYL-ish instrumental cover of "Jingle Bell Rock". **(NjW-ON)**
- 1380 WABH NY **Bath** – 12/28 0701 – Over usual CKPC C&W with "The greatest country hits of all time...WABH Bath" ToH ID into CBS news. Fairly recent format flip from sports. **(MKB-ON)**
- WKDM NY **New York** – 11/30 1615 – Spanish music over/under usual WNRI, unusual as the very directional signal from the multi-tower antenna farm next to New Jersey Transit's Met Life Stadium rail line goes out across Long Island and into the Atlantic. **(TF-NH)**
- WKJV NC **Asheville** – 12/21 0215 – Atop the channel playing quiet Christmas Carols like you would find in a church. Between carols, listeners were wished a Merry Christmas from WKJW-1010 and/or WKJV-1380. **(JF-NJ)**
- 1390 WEOK NY **Poughkeepsie** – 12/14 1557 – Spanish music at local strength, nice ID for WEOK and a couple of FM repeaters, including one in Middletown at 1600 by a very good announcer, into more Spanish music. **(TF-NH)**
- WRIV NY **Riverhead** – 11/30 1642 – Distinct ID for WRIV by male announcer and some nostalgic stuff (this tiny station's format) emerging from the mush. First time heard here! WRIV is where my late friend Jim Guthrie, for a while an NRC member, got his broadcasting career start. **(TF-NH)**
- 1400 WDTK MI **Detroit** – 12/24 0733 – Drop-in ID by Mike Gallagher: "FM 101.5 and AM 1400, the Patriot" into some Salem talk programming. **(NjW-ON)**
- WSAM MI **Saginaw** – 12/10 2110 – Surfacing briefly with "104 FM, The Bay" slogan. **(HJH-PA)**
- WDUZ WI **Green Bay** – 12/20 0759 – ID: "Fan Nation Fan Morning Show on Sports Radio 107.5 and 1400, the Fan". **(NjW-ON)**
- 1410 WHLN KY **Harlan** – 12/23 0608 – In fairly well around this time with clear ID. Partial ID around 0600. Current pop music after the hour with Nat King Cole "Adeste Fideles" after ID at 0622. **(JW-PA)**
- 1440 WNYG NY **Medford** – 12/11 1620 – Heard preacher yelling in Spanish for two minutes under WVEI and others, soon was gone, only station with that format on 1440 within hundreds of miles, new for me. **(TF-NH)**
- WAJR WV **Morgantown** – 12/23 1727 – Fair at times with ads for Pizza Hut, WV Natural Gas Association and Morgantown Printing. **(HJH-PA)**
- 1470 WSAN PA **Allentown** – 11/26 2020 – Nice steady signal with Monday night football in Spanish, with a little mix from WLAM. **(TF-NH)**
- WLMC SC **Georgetown** – 12/18 1900 – Good with slow fades. "True Oldies" format. Had mix of oldies and Christmas music at this time. Full ID at ToH with mention of 101.1 FM and Georgetown and another area, "... Island". **(HJH-PA)**
- 1490 WMRN IN **Marion** – 12/25 0800 – Call letter ID heard in the graveyard jumble. **(NjW-ON)**
- 1530 WVBF MA **Middleborough Center** – 11/26 1629* – Discussion about marijuana and the history of the New Haven Railroad (do the two mix?) followed by sign-off filled with odd comments about the sound of excellence, listening to the station on cable, and tipping your waiter, followed by announcing that the station is signing its local programming off for the night and "This is WVBF, 1530 AM, the Voice of Middleborough-Taunton" and gone. Also noted 11/30 1625 with discussion of historical events, celebrity birthday announcements, mostly by an older male who referred to his female partner as a "sweet young thing," and added all kind of corny and inappropriate comments. He then announced the sign-off of live programming (mercifully!), telling listeners to put "your cable straight up, tip your waiter, and tune in tomorrow. This is WVBF, the Voice of the greater Taunton area" and the power was dropped from 5000 watts to four watts. Most bizarre sign-off and announcer that I have heard in quite a while! **(TF-NH)**



- WLCO MI Lapeer** – 11/30 1650 – Clusters of old country music, musical sounder for WLCO, more C&W, "1530 AM, WLCO, Lapeer" ID at 1700 and the signal was gone. (TF-NH)
- 1570 WUBG MA Methuen** – 12/18 0359 – Nice ID at this time with call sign and slogan "the biggest hits of the 60s and 70s". Then into news. "Uncle Albert" by Paul McCartney at 0408; confirmed by internet check. (JW-PA)
- 1590 WCSL NC Cherryville** – 12/15 0503 – Very nice full ID: "1590 and 93.5 WCSL Cherryville Gastonia" then an ad for Pine Mountain Golf Course. Blasting in with "Red Necks, White Socks and Blue Ribbon Beer" by Johnny Russell at 0515. Call to station confirmed night time power; freakishly loud this AM. (JW-PA)
- WKTP TN Jonesborough** – 12/17 0436 – ESPN Radio coming in periodically from 0400. A few stations, including WAKR, on top of a rolling sea of undifferentiated RF. Finally a Tri-Cities ID at 0458. (JW-PA)
- 1700 WEUP AL Huntsville** – 12/24 0710 – over sports talker with "right here...on your WEUP" station promo into urban gospel. (MKB-ON)
- WJCC FL Miami Springs** – 12/27 1658 – Good, alone on channel with infomercial for home restoration company translated from English to unknown language after each couple of sentences. Two call letter IDs at 1701. Heard on car radio at local supermarket. (MD-MA)

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

Domestic DX Digest – West

Bill Hale, 6124 Roaring Springs Drive, North Richland Hills TX 76180-5552

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Loggings of U.S. and Canadian stations by DXers in the Central, Mountain, Pacific, Alaska, and Hawaii-Aleutian time zones – All times are Eastern Local Time (ELT)

PLEASE SUBMIT ALL REPORTS IN THE FORMAT SEEN BELOW

Send either within an email, or as an attachment in plain text or RTF. No Excel, Word or PDF documents, please. All times are Eastern Local Time (ELT) Your cooperation is much appreciated. Reports older than 30 days will be excluded at the editor's discretion.

Deadline for Volume 86 - Issues 9 and 10: Thursday, January 10 and 24, respectively.

Submit your loggings and see your name in print.

Now that the Holiday are over, it's time to get back to the dials. See you in a fortnight!

REPORTERS

- SMA-MB Shawn Axelrod Winnipeg, Manitoba** RX: ICOM ICR70 / Drake R8; Antennae: 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
- RD-IA1 Rick Dau DXing on the Muscatine, Iowa** KiwiSDR
- RD-IA2 Rick Dau DXing on the Muscatine, Iowa** KiwiSDR adding to the Iowa City, Iowa logbook
- JJR-WI John J. Rieger, South Milwaukee, Wisconsin** Icom IC-R75, MFJ-959B tuner, preamp, Kiwa loop
- JW-CO John Wilkins, Wheat Ridge, Colorado** Drake R-8, 4-foot box loop

DX LOGGINGS

UNID

- 1340 UNID NC ?? – 11/28 2134** – Someone atop this channel for a few all-too-brief moments, with a PSA that ended with “. . . sponsored by the North Carolina Department of Highway Safety”. Back into the soup during the next ad, of course. Because there are seven stations in North Carolina on 1340, I'm not asking nor am I expecting anyone to try to solve this . . . I'm just reporting this because I'm tickled to get SOMEONE from North Carolina on a graveyard channel for the first time ever from Iowa City/Muscatine, which makes it State #21 in that regard. (RD-IA1)

TIS

- 1180 WPTJ872 WI Milwaukee – 12/20 0755 – Poor (This is the Milwaukee Brewers TIS), with info on the “Home opener, March 28 at 1:10 pm.” (Old joke time: Did you hear there's no beer sales this year at the stadium? The Brewers lost the opener! Ugh!). (JJR-WI) [Hey, John! only three months until the new season begins!! Put me in, Coach! – Ed.]
- 1610 WPTJ444 WI Milwaukee – 12/20 0817 – Poor, with traffic times for I-94, I-43, I-41. Two call signs given. No CHHA, hi. (JJR-WI)

0600-1800 ELT

- 580 WYHM TN Rockwood – 12/18 0658 – Poor, with two songs into LID, USA News. Basically alone. “The Holler”. (JJR-WI)
- 690 KGGF KS Coffeyville – 12/19 0738 – Poor, while chasing others. “Kansas”, “Kansas City” and “Coffeyville” mentions. (JJR-WI)
- 690 WZAP VA Bristol – 12/19 0741 – Poor, with “93.3 WZAP with Christmas Favorites” out of nowhere. (JJR-WI)
- 710 WTPR TN Paris – 12/19 0734 – Poor. with “. . . greatest hits . . . WTPR” while 710 was wide open this morning! (JJR-WI)
- 740 WVLN IL Olney – 12/21 0743 – Poor, with weak CFZM nulled. “CBS SportsRadio”, with others. (JJR-WI)
- 740 WNOP KY Newport – 12/19 0639 – Poor, talking about various versions of Bible. CFZM nulled. EWTN. (JJR-WI)
- 740 KNFL ND Fargo – 12/13 0818 – Presumed, with Fargo and Wahpeton spots; ad for NFL ticket exchange; faded before any ID was heard. Briefly fair in QRM. (JW-CO)
- 800 KBRV ID Soda Springs – 12/23 0850 – Uninterrupted Christmas music to 0902 LID: “. . . KBRV Soda Springs – Montpelier. In southeast Idaho they call us The Bear,” with 106.3 and 92.7 FM also mentioned, as well as 'mylocalradio.com' website; back to holiday music after the ID. Fair and alone, possibly on day power. (JW-CO)
- 900 KFAL MO Fulton – 12/21 0737 – Very poor, with a few others, with “Big 900”. It's been a while since last heard. (JJR-WI)
- 910 WJCW TN Johnson City – 12/19 0710 – Poor, mentioning birthdays, “Sports with Carl ??”. Fading at appropriate times (hi) and a contest. Told winner to call station for directions a gave station phone # @ :23. Never heard calls, but “News-Talk” slogan used a bit. No WFDF. (JJR-WI)
- 960 KLTF MN Little Falls – 12/22 0752 – Local ad, CST time check, call letter ID, then back to a segment of the 'Bing Crosby Christmas Show' from December 22, 1953, with Bing's versions of “White Christmas” and “Silent Night”; legal ID at 0800, then news from Town Hall. Fair and occasionally better with good conditions to the north. (JW-CO)
- 970 WZAM MI Ishpeming – 12/20 0802 – Poor, in and out [sounds like a hamburger joint, hi – Ed.], with WHA/others. “ESPN U.P.” (Upper Peninsula). (JJR-WI)
- 970 WWRK SC Florence – 12/23 0715 – Poor, with 'Learn to Fly' by the Foo Fighters, “Rock 94.1 . . .”, then lost to others. (JJR-WI)
- 980 WPFM WI Park Falls – 12/20 0806 – Poor, with 'Heartbreaker' by Pat Benetar, “Jack FM”, through others. Rare! (JJR-WI)
- 1040 WCHR NJ Flemington – 12/20 0729 – Poor, with WHO nulled. REL: 'RadioBible.org' and calls. Unneeded. (JJR-WI)
- 1040 CJMS QC Saint-Constant – 12/23 0711 – Very poor, with WHO nulled. Solid FF chatter by woman. (JJR-WI)
- 1070 KFTI KS Wichita – 12/19 0632 – Very poor, with “Classic Country 1070” cutting through. Chasing someone w/SSB. (JJR-WI)
- 1090 WFCV IN Fort Wayne – 12/19 0630 – Poor, with “Bott Radio” mention. No KAAY, and WBAL nulled. Only fit. Positive ID two days later . . .
- 1090 WFCV IN Fort Wayne – 12/21 0700 – Poor, no KAAY, with LID: “100.1 & 1090 and now 93.7 WFCV, Fort Wayne”. (JJR-WI)
- 1130 WDFN MI Detroit – 12/21 0803 – Fair! Local-like with local WISN not powered up yet. Detroit sports talk. I wonder how many woke up in Milwaukee hearing sports and thinking WISN was our 6th sports station, hi! (JJR-WI)
- 1140 WBXR AL Hazel Green – 12/18 0728 – Poor, but alone, with REL program, “Wilkins Radio”, weather, calls, back to REL. (JJR-WI)
- 1180 WGUE AR Turrell – 12/19 0700 – Poor, with WHAM nulled. LID into SS music. Solid, no fades. (JJR-WI)



- 1230 WFER MI Iron River – 12/19 0810 – Poor, with songs by Bachman-Turner Overdrive & Toto. Mention of “Iron River Broadcasting”. (JJR-WI)
- 1240 KBIZ IA Ottumwa – 12/19 0659 – Poor, alone, with solid, non-fading signal. “Ottumwa” and “Keokuk” mentions. (JJR-WI)
- 1270 WWVI MN Baxter – 12/18 0749 – Poor, with “?? pharmacy in New Brainerd . . .”, “3WI Weather Forecast”. Alone. In again in two days . . .
- 1270 WWVI MN Baxter – 12/21 0800 – Very poor, with LID including: “. . . locally owned”. BUT very poor SS with man/woman chatter in the weeds. The SS wasn't WKBF, which has been off. Seemed SW from here. (JJR-WI)
- 1300 WLXG KY Lexington – 12/21 0716 – Poor, with ESPN. One other in there and no WOOD (again – see next), which is a regular, or was, hi. (JJR-WI)
- 1300 WMVO OH Mount Vernon – 12/18 0718 – Poor, in fade up, with calls after 1960's oldie. No WOOD. NEW! (JJR-WI)
- 1300 WNQM TN Nashville – 12/19 0800 – Poor; alone. No fading. LID, 'Dr. Adrian Rodgers'. Again, WOOD MIA! (JJR-WI)
- 1310 KGLB MN Glencoe – 12/14 0747 – C&W music; short local ads, each with a “Merry Christmas” greeting from the merchant. Fair/good, topping nearby KFKA at times. (JW-CO)
- 1310 KZRG MO Joplin – 12/14 0755 – Some sort of station promo with call letters given twice; soon faded after “This is the NEW KZRG” ID. New here, MO #58. (JW-CO)
- 1340 KGHM OK Midwest City – 12/20 0817 – In there, with ad for 'Brown-O'Haver Insurance Adjusters' with clear number 405-735-5510. This one used to get out well, as KXXY, back in the early 90s. Overtaken by KROC. (RD-IA1)
- 1360 WWOW OH Conneaut – 12/20 0745 – Poor – fades, with OLDies. “? Plumbing”, “1360 Wow” slogan. (JJR-WI)
- 1380 WMJR KY Nicholasville – 12/19 0758 – Poor, with “Relevant Radio a pp. . . .”. LID and newscast. With others. NEW! (JJR-WI)
- 1380 KAGE MN Winona – 12/20 0728 – Poor, with “Real Country Kay-Gee 1380 & 101.5 FM” after Charlie Rich song. No usual WOTE. (JJR-WI)
- 1380 WKJV NC Asheville – 12/18 0741 – Poor, with calls and religious songs. In/out, not steady. (JJR-WI)
- 1450 KBMW MN Breckenridge – 12/21 0834 – Good for a few minutes, with local ads mentioning “. . . downtown Fergus Falls” and “Breckenridge”, then into Vince Gill's version of “Have Yourself A Merry Little Christmas”. Third Minnesota station on 1450 in the Iowa City logbook, and the closest I've ever come to adding a North Dakota graveyarder to said logbook. Has been heard here several times since. (RD-IA2)
- 1490 WGEZ WI Beloit – 12/5 0808 – Atop, and in the clear, with C&W song “Would You Go With Me” by Josh Turner, then a slogan ID of “Iron Country”. Last time I heard this station, about three years ago, it was still oldies. So I had to consult Google to find out who has this ID. [Or, you could have checked the AM Log – Ed.] (RD-IA1)
- 1570 KAKK MN Walker – 12/24 0905 – Call letter ID, followed by what sounded like news. Rough in QRM. (JW-CO)
- 1580 WLIJ TN Shelbyville – 12/23 0800 – Poor, with bluegrass music, LID, USA News. No usual CKDO. (JJR-WI)
- 1640 WTNI MS Biloxi – 12/24 0637 – Poor, but steady behind semi-local WSJP. ESPN. Only fit. (JJR-WI)
- 1650 CINA ON Mississauga – 12/24 0639 – Poor, with “Have a Happy New Year & Happy Holidays, Ceena Radio”. Alone. (JJR-WI)
- 1670 CJEU QC Gatineau – 12/24 0656 – Very poor, with music behind WOZN. Female announcer and ETHnic. (JJR-WI)
- 1680 WOKB FL Winter Garden – 12/24 0700 – Poor, but almost fair for a few minutes! Urban Gospel satellite feed. No WPRR. (JJR-WI)
- 1680 WPRR MI Ada – 12/16 0759 – Gal with ID: “You're listening to Public Reality Radio 1680 AM Ada, 90.1 FM Clyde Township, 95.3 FM Grand Rapids, 102.5 FM Comstock Park, and 1680 AM in Ada, Michigan”. A very nice ID, except no call letters were given! The NPR program 'Democracy Now' followed. Fair peaks before disappearing at 0808. (JW-CO)
- 1680 WTTM NJ Lindenwold – 12/24 0719 – Poor, but SS young lady announcer stood out. “Feliz Navidad”. Again, no WPRR. Solid. (JJR-WI)



1800-0600 ELT

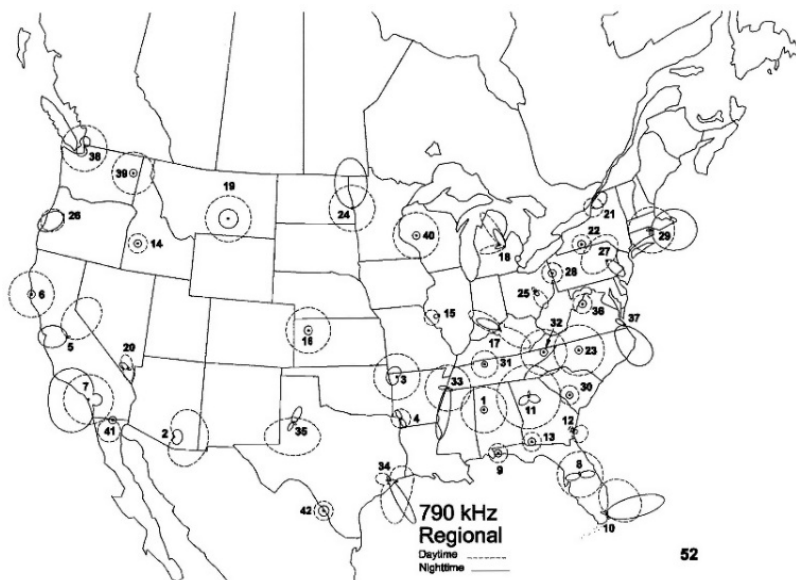
- 1270 WLIK TN Newport – 12/17 1919** – Poor, with Christmas songs, two (old, pre-Beatles) 'WLIK' jingles. Alone. (JJR-WI)
- 1350 WCMP MN Pine City – 12/2 2104** – Over/under WPDR with liner: “The only place to find live local sports . . . 106.5 . . .”, then into Aerosmith's version of 'Come Together'. Heard a slogan ID 'Pine Hits 106' after the song, which is what Todd Skaine informed me WCMP uses for an ID. [Rick, that's what the **AM Log** says is the slogan – Ed.] Finally cleans up Minnesota on 1350 for me in the Iowa City logbook, after all these years. (RD-IA2)
- 1350 WPDR WI Portage – 12/2 1848** – Fair, with Johnny Tillotson's 1960 pop hit “Poetry In Motion”, then liner: “AM 1350 WPDR, Portage”. Notorious for running the 1 KW day power all night long. (RD-IA1)
- 1380 WKJV NC Asheville – 12/16 0049** – Fair, under KXFN, with Southern-accented male announcer mentioning upcoming church services in Hendersonville, Fletcher, and Alexander. Confirmed via webstream. Thanks to Twin Cities DXer Justin Wolffing for the tip. (RD-IA2)
- 1400 WSAM MI Saginaw – 12/18 2027** – In there with Burl Ives' “Holly Jolly Christmas”, then part of liner: “. . . Christmas hits . . . 1400 and 104 FM, The Bay.” A relog from October 27th, but better copy of it this time around. (RD-IA1)
- 1400 KSHP NV North Las Vegas – 12/16 0924** – ID as “AM 1400 KSHP,” followed by Henderson and Las Vegas ('John Mull BBQ') ads; briefly fair but soon faded. (JW-CO)
- 1400 WMAN OH Mansfield – 12/18 2021** – Atop, with Ohio State University men's basketball play-by-play by Paul Keels. A check of this year's OSU affiliate list shows WMAN as the only 1400 on it. Have now heard Ohio on four of the six graveyard channels. Buckeye State stations on 1230 and 1240 remain elusive from Iowa City. (RD-IA2)
- 1400 KWON OK Bartlesville – 12/13 2133** – Atop, with liner: “You're listening to K-Won . . . now on 93.3 . . .”. For anyone in the Midwest or South, this one and WBBZ-1230 might be their two best bets to hear Oklahoma on any of the graveyard channels. (RD-IA1)
- 1450 WLYV IN Fort Wayne – 12/23 2145** – In the mess, with clear “. . . 104.3 WLYV” ID, then into The Who's 'Athena'. Confirmed via webstream. Last heard from Iowa City on 8/4/1991! (RD-IA1)
- 1450 KQYX KS Galena – 12/17 2117** – Very good for a few moments, with promo for Bill Gaither's 'Homecoming Radio' program, then a weather forecast with a slogan ID of “1450 The Dove” at the end. Last time I heard this was 25 years ago, when it was WMBH and licensed to Joplin, Missouri! (RD-IA1)
- 1490 KTOP KS Topeka – 12/3 0042** – Atop briefly, with clear “. . . ktop1490.com . . .” heard in promo. First got this one from Iowa City way back in April 1995. (RD-IA1)
- 1490 KFCR SD Custer – 12/20 2225** – Fair signals, faded up with great classic rock music. “KFCR” ID. Not heard very often. (SMA-MB)

NRC Antenna Pattern Book 8th Edition

The 8th Edition of the NRC *AM Station Antenna Pattern Book* is now available. This all-new edition was prepared by Bill Hale and accompanies the 2018 (39th Edition) of the National Radio Club's *AM Radio Log*. The book comes shrink wrapped in 8½ by 11 three hole punch format for placement in your own three ring binder. The book has maps covering 530 through 1700 kHz showing day and night patterns for U.S., Canadian, and selected Mexican and Caribbean stations.

The book is available from the National Radio Club at PO Box 473251, Aurora CO 80047-3251 and Priority Mail to addresses in the United States for \$26.95 for members and \$32.95 for nonmembers. Canadian orders are US\$40.25 and all other countries are US\$51.25 both shipped Global Priority Mail.

The Pattern book may also be ordered using pay pal from our website <http://www.nrcdxas.org> at slightly higher prices.



International DX Digest

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For loggings of stations outside the U.S. and Canada

All times are Universal Coordinated Time (UTC)

TRANS-ATLANTIC DX

- 531 **ALGERIA** *Jil FM*, F'kirina Wilaya d'Oum El Bouaghi DEC 9 2200 – *Jil FM* ID, slow music; over unID (Spain?) with pips.{A} [Connelly-MA]
- 540 **HUNGARY** *Kossuth Radio*, Solt NOV 30 2100 – Pips, attention music, *Kossuth Radio* ID; mixed with CBT. DEC 9 2100 – Folk instrumental, 5 equal pips, electronic interval signal music, *Kossuth Radio* ID; over CBT.{A} [Connelly-MA]
- 549 **ALGERIA** *Jil FM*, Sidi Hamadouche DEC 1 0100 – *Jil FM* spoken and jingle ID's, music with flute, drums, female vocal; good.{A} [Connelly-MA]
- 549 **UKRAINE** *UR1 Mykolaiv* DEC 5 2100 – 5+1 pips, Slavic language news by woman then man; fair, not much Algeria competing at the time.{A} [Connelly-MA]
- 576 **BULGARIA** *BNR Horizont*, Vidin NOV 4 2200 – Slavic talk, 5+1 pips, Russian-style grand choral anthem; good/dominant.{A} [Connelly-MA]
- 585 **SPAIN** *RNE1 Madrid* NOV 27 2200 – RNE news parallel 684 kHz; 590 WEZE slop. [Connelly-MA]
- 612 **MOROCCO** *SNRT Sebaa-Aioun* NOV 27 2201 – Emotional male Arabic vocal; fair.{A} [Connelly-MA]
- 621 **CANARY ISLANDS//SPAIN** *RNE1* synchros DEC 15 2200 – Pips, *R.Nacional de España* news intro; good.{A} [Connelly-MA]
- 639 **CZECHIA** *Ceský rozhlas*, Liblice//Svinov NOV 4 2200 – Czech talk by man; over Spain.{A} [Connelly-MA]
- 684 **SPAIN** *RNE1 Sevilla* NOV 27 2200 – RNE news intro; fair in 680 WRKO slop. [Connelly-MA]
- 693 **UNITED KINGDOM** *BBC Radio 5*, Droitwich et al. NOV 4 2200 – "This is BBC Five Live," 10 o'clock time check, item about murder in south east London; fair. DEC 15 2100 – Football mention, BBC Five Live ID, news about girl killed in house fire; fair, parallel stronger 909 kHz.{A} [Connelly-MA]
- 720 **CANARY ISLANDS** *RNE5 Finca España* DEC 9 2200 – 5+1 pips, RNE news intro; poor.{A} [Connelly-MA]
- 747 **CANARY ISLANDS//SPAIN** *RNE5 Las Palmas//Cádiz* DEC 9 2100 – 5+1 pips, time check, fanfare, "Radio Nacional de España, servicios informativos"; fair. DEC 15 2100 – 5+1 pips, *R.Nacional de España* news intro; to good peak.{A} [Connelly-MA]
- 774 **SPAIN** *RNE1* synchros NOV 27 2200 – Echoey RNE news; poor to fair. [Connelly-MA]
- 783 **SYRIA** *Syrian Radio/R.Damascus*, Tartus NOV 27 2200 – Woman in Arabic, soft music; poor. [Connelly-MA]
- 810 **MACEDONIA** *MR1 Sveti Nikole* DEC 16 2030 – Slavic talk; poor but dominant. Thanks to Jari Savolainen and Alessandro Groppazzi (RealDX) for ID help.{A} [Connelly-MA]
- 810 **SCOTLAND** *BBC R.Scotland*, Burghead//Redmoss//Westerglen NOV 30 0300 – Carrying BBC Five Live at the time; slightly over WGY, others.{A} [Connelly-MA]
- 837 **SPAIN** *COPE* synchros NOV 27 2200 – 5+1 pips, fanfare music, "COPE, estar informado"; fair. [Connelly-MA]
- 855 **SPAIN** *RNE1 Murcia* et al. DEC 17 2100 – "Imagine" by John Lennon, pips, *R.Nacional de España* news intro; good.{A} [Connelly-MA]
- 864 **EGYPT** *ERTU Santah* NOV 30 0300 – Man in Arabic with apparent preaching, 4+1 pips (last higher pitch) about 48 seconds late, talk, vocal; fair.{A} [Connelly-MA]
- 882 **UNITED KINGDOM** *BBC R.Wales*, Washford et al. DEC 15 2100 – Celtic female vocal; good. [Connelly-MA]
- 900 **ITALY** *Rai Radiouno*, Milano DEC 15 2100 – Per Alessandro Groppazzi of Italy, via RealDX, "Italian for sure even if with so bad audio... it sounds like a radioplay".{A} [Connelly-MA]
- 909 **UNITED KINGDOM** *BBC Radio 5* synchros DEC 9 2100 – Dramatic intro music, man, "The best in news, the best in live sport, this is BBC Five Live"; to good peak. DEC 15 2100 – Parallel 693 with BBC Five Live ID, 9 o'clock time check, news about girl killed in house fire; to good peak. Pips (6 equal length) under, presumably from Romania.{A} [Connelly-MA]



- 936 **SPAIN** *RNE5* sychros DEC 15 2100 – Parallel 1107 with Khachaturian "Sabre Dance", 5+1 pips, RNE news; in jumble with two others (Morocco, Iran?). [Connelly-MA]
- 954 **SPAIN** *Onda Cero*, Madrid NOV 27 2200 – 5+1 pips, two men in Spanish; to fair peak. [Connelly-MA]
- 981 **ALGERIA** *Chaîne 2*, Ouled Fayet DEC 9 2100 – Modern Arabic vocal, 5+1 pips (last higher pitch), news by man and woman; to good peak.{A} [Connelly-MA]
- 990 **SPAIN** *SER* Bilbao//Cadiz DEC 9 2100 – Over CBY with sports shouting parallel 1080 kHz.{A} 990 is first 7 seconds of audio clip, 1080 follows. [Connelly-MA]
- 999 **SPAIN** *COPE* Madrid NOV 9 2200 – Pips, "COPE, estar informado"; fair. NOV 27 2200 – Attention music, *COPE* ID; fair to good.{A} [Connelly-MA]
- 1044 **SPAIN** *SER* San Sebastián//Valladolid DEC 15 2100 – Excited Spanish talk by two men, 5+1 pips; loud.{A} [Connelly-MA]
- 1080 **SPAIN** *SER* sychros DEC 9 2100 – Over WTIC with sports shouting parallel 990 kHz.{A} 990 is first 7 seconds of audio clip, 1080 follows. [Connelly-MA]
- 1089 **UNITED KINGDOM** *TalkSport* sychros NOV 30 2200 – Advert for pay-to-view boxing event on TV, ID, "On digital radio and 1089 and 1053 AM, TalkSport"; good.{A} [Connelly-MA]
- 1098 **SPAIN** *RNE5* sychros NOV 27 2200 – RNE news intro; fair. [Connelly-MA]
- 1107 **SPAIN** *RNE5* sychros DEC 9 2100 – End of vocal, 5+1 pips, time check, fanfare, *R.Nacional de España* ID; good.{A} [Connelly-MA]
- 1125 **SPAIN** *RNE5* sychros DEC 16 2030 – Emotional male vocal, 5+1 pips on half hour; fair.{A} [Connelly-MA]
- 1152 **ROMANIA** *R.România Actualitati*, Cluj NOV 7 2200 – Pop music, ID, "Aici Bucuresti, Radio România Actualitati, hora exacta," 6 pips, news; fair to good.{A} [Connelly-MA]
- 1152 **SPAIN** *RNE5* sychros DEC 15 2100 – Parallel loud 1107 with Khachaturian "Sabre Dance", 5+1 pips, fanfare, "Radio Nacional de España, servicios informativos"; over Romania. [Connelly-MA]
- 1170 **UNITED ARAB EMIRATES** *Sawt al-Joumhouria*, Al-Dhabbaya NOV 7 2200 – Flute and strings, Arabic talk by woman then man; to fair peak, dominant. NOV 12 2200 – Bit of guitar music, woman in Arabic with clear "Sawt al-Joumhouria" ID; good, over WWVA.{A} [Connelly-MA]
- 1179 **ROMANIA** *R.România Actualitati*, Galbeni-Bacau et al. NOV 27 2100 – Man, "Aici Bucuresti, Radio România Actualitati, hora exacta," 6 pips; fair. DEC 16 2000 – Rock music, ID, 6 pips, news; good.{A} [Connelly-MA]
- 1188 **IRAN** *IRIB R.Payam*, Tehran DEC 9 2100 – Interval signal of 3 ascending notes, news by man; poor. [Connelly-MA]
- 1215 **UNITED KINGDOM** *Absolute Radio* sychros NOV 14 0511 – Kate Bush "Babooshka" (1980); good. [Connelly-MA]
- 1341 **NORTHERN IRELAND** *BBC R.Ulster*, Lisnagarvey DEC 16 2000 – Irish fiddling, "95 FM and 1341 medium wave, this is BBC Radio Ulster," news about Strasbourg shootings, Brexit negotiations; good.{A} [Connelly-MA]
- 1386 **LITHUANIA** *R.Baltic Waves*, Viesintos NOV 27 2200 – Fanfare music, Radio Svoboda ID; WEGP slop. [Connelly-MA]
- 1413 **SPAIN** *RNE5* sychros DEC 9 2100 – 5+1 pips, RNE news; best to get this early before too much CJWI slop. [Connelly-MA]
- 1422 **ALGERIA** *R.Algérienne*, Algiers DEC 9 2100 – 4+1 pips (last higher pitch), dramatic news intro music; poor. [Connelly-MA]
- 1467 **FRANCE** *TWR* Roumoules NOV 30 2200 – English sentences by preacher translated to Arabic; to good peak.{A} [Connelly-MA]
- 1521 **SAUDI ARABIA** *SBC R.Riyadh*, Duba DEC 14 2204 – JBA 1 kHz het which I pinpoint to 1521, not 1519, ergo a bit of the 2,000,000 watts out of Saudi Arabia, more than an hour pre-sunset here. [Hauser-OK] DEC 16 2000 – Music with heavy drumming, brief announcement by woman in Arabic, more high-energy music; good peak.{A} [Connelly-MA] DEC 19 2036 – On car radio, 1520 KOKC again with a JBA 1 kHz het, probably from Duba 2-megawatter. Those further east (and north, west?) should be looking for this against whatever 1520 signal they may have, 2 or 3 hours before local sunset. [Hauser-OK]
- 1530 **SAO TOME** *VOA* Pinheira NOV 30 2200 – Man, "This is the Voice of America, Washington, DC, signing off," poor to fair. Pips (6 equal) under from Romania. DEC 9 2200 – Southern style guitar boogie, Voice of America – Washington, DC sign-off announcement; very good. DEC 15 2200 – Man, "This is the Voice of America, Washington, DC, signing off," usual mention about getting program schedules; fair.{A} [Connelly-MA]

- 1548 **MOLDOVA** TWR Grigoriopol DEC 15 2100 – Music, man in Russian; poor.{A} [Connelly-MA]
- 1575 **IRAN** Qeshm jammer DEC 1 0100 – Buzzsaw jammer; dominant.{A} [Connelly-MA]
Transatlantic carrier search: DEC 14 0645 – 531, 549, 576, 585, 612, 621, 639, 666, 738, 747, 774*, 801, 837, 846 (2 – one of them Kiribati TP?), 882, 909, 936(2), 954 (6 kHz from local), 999, 1017, 1026, 1035, 1044*, 1053, 1089, 1098, 1125(2). By now it's 0708 as I doze off and undoze. 1134(2), 1305(2), 1314, 1413(2), 1485(2), 1503*, 1521, 1539(2), 1575, 1584(2), 1602 kHz. DEC 22 0706-0715 – 531, 549, 558, 621, 657, *684 (with some talk, 200 kW RNE Sevilla, Spain? most likely) 693, 774, 801, 837, 846 (or Kiritimati?), 855, 882, 909, 936(2), 954, 999, 1044, 1053, 1089, 1098, 1107, 1116, 1125, 1134, 1152, 1215, 1305, 1413, 1539 kHz. Quite a haul this late in Europe, but it is the longest night. 1305 and 1413 are often the best/only ones in the upper band, so whence most likely? Both Spain by proximity rather than power, multiple Radio 5 synchro transmitters adding up to 75 and 25 kW resp. It's a bit late on 1413 for the 500 kW from Pridnestrovye or 600 kW from BBC Oman. * = stronger ones; tried for audio on some but no go. (2) = at least two carriers beating. [Hauser-OK]

PAN-AMERICAN DX

- 530 **CUBA** *R.Enciclopedia*, La Habana-Villa María DEC 17 0659 – Easy listening music, usual pre-recorded female announcer. Relog. [Hall-CA]
- 530 **CUBA** *R.Rebelde*, Caribe//Guantánamo-Antiguo DEC 17 0700 – Familiar 9-note interval signal parallel 670, 710, 1180 kHz. Antenna is aimed almost perpendicular to Cuba. Relog. [Hall-CA]
- 540 **MEXICO** XETX *La Ranchera de Paquime*, Nuevo Casas Grandes, Chih. DEC 25 1249 – National anthem in progress at this odd time; full ID at 1250 for XETX (5 kW) and XHTX (25 kW), with usual address at 502 Jesus Urueta; member of Grupo BM; a short prayer then some non-ranchera music, possibly something fitting for Christmas Day. Fair signal. [Wilkins-CO]
- 560 **MEXICO** XEMZA *Sol 89.7 FM*, Cihuatlán, Jal. DEC 23 0614 – Tropical-influenced pop music parallel web stream, *Sol 89.7 FM* slogans. New, Jal #26, Mexico #312, station #1451 from home. (Note: Although this station serves the Manzanillo, Colima market, I think it may actually still be licensed to the suburb of Cihuatlán, which is in Jalisco. They do not seem to run a national anthem at 6 a.m. or midnight local time). [Hall-CA]
- 560 **MEXICO** unID DEC 17 0707 – Station under KBLU and KLVI playing instrumental music suddenly went into an orchestral version of the Mexican anthem about 15 seconds before my recording ended. Timing would strongly suggest XEYO, but this sounds like the version of the anthem I have heard on XESRD in the mornings. [Hall-CA]
- 570 **COLOMBIA** HJND *R.Nacional*, Bogotá DEC 1 0100 – Woman with *R.Nacional de Colombia* ID; mixed with domestics.{A} [Connelly-MA]
- 580 **MEXICO** XEMU *La Rancherita del Aire*, Piedras Negras, Coah. DEC 17 0700 – Mixing with KMJ and a mystery Spanish language signal with intermittent signal (See XEAV log – I'm guessing this was KSAZ.) with full ID and mention of web site www.rancherita.com.mx. Relog. [Hall-CA]
- 580 **MEXICO** XEAV *Canal 58*, Guadalajara, Jal. DEC 17 0601 – Under a louder Spanish language station whose signal was having serious problems (audio cutting in and out a couple times per second) with slightly slow tempo children's choral version of Mexican anthem. Relog. [Hall-CA]
- 590 **MEXICO** XEPH *La Sabrosita*, México, DF DEC 17 0604 – Faded up suddenly over KTIE and XEGTO with Mexican anthem (fast adult choral version) and back to regular tropical format. When I found this on my recording, I went back outside the next hour and caught them parallel web stream (substantially out of sync, maybe as much as a minute) with tropical music. DEC 23 0559 – Female announcer with at least two *Sabrosita* 590 slogans, into the same version of the anthem as previously noted. New, DF #23, Mexico #309, station #1446 from home. [Hall-CA]
- 590 **MEXICO** XEGTO *Hits 95.9 FM*, León, Gto. DEC 17 0559 – End of Suprema Corte program, then straight into Mexican anthem (children's choral, short version) and back to regular adult contemporary format. When I found this on my recording, I went back outside the next hour and caught them parallel web stream with adult contemporary music. New, Gto #7, Mexico #308, station #1445 from home. I have been chasing both of these stations since before XEBH left AM several months ago. There seemed to be a third Mexican station in there that I couldn't account for. It wasn't XEE (not parallel web stream), and that seemingly leaves only XEFD which is far off the beam of this antenna, but perhaps not impossible given that several Cubans and Monterrey stations like 630 XEFB were coming in on this antenna tonight. [Hall-CA]

- 620 **MEXICO** XENK *Radio 620 AM*, México, DF DEC 23 0558 – Faded up under semi-local XESS with high choral version of Mexican anthem already in progress. New, DF #24, Mexico #313, station #1452 from home. [Hall-CA]
- 630 **MEXICO** XEPBGJ *Jalisco Radio*, Guadalajara, Jal. DEC 17 0600 – Suddenly overtook XEFB with slightly slower tempo children's choral version of Mexican anthem, followed by 6-note doorbell theme (C-E-G, G-C-E), then back to overnight classical music program. Relog. [Hall-CA]
- 630 **MEXICO** XEFB *La FB*, Monterrey, NL DEC 17 0557 – Instrumental version of Mexican anthem over KSLR. As they ran their pre-recorded ID (I could hear the mentions of Monterrey, Nuevo León and broadcasting 10 kW 24 hours a day – two days later I recorded this exact same ID on their web stream), they were drowned out by XEPBGJ. New, NL #13, Mexico #310, station #1449 from home. [Hall-CA]
- 630 **PUERTO RICO** WUNO San Juan NOV 30 0300 – NotiUno Seis Treinta ID; dominant.{A} [Connelly-MA]
- 640 **MEXICO** XEJUA *La Caliente 640 AM*, Cd. Juárez, Chih. DEC 17 0700 – Under KFI with ID and children's choral version of Mexican anthem. Relog. [Hall-CA]
- 650 **COLOMBIA** HJKH, *RCN Antena Dos*, Bogotá DEC 1 0100 – Barranquilla, RCN, and Antena Dos mentions in fast talk by man; good.{A} [Connelly-MA]
- 650 **MEXICO** XETNT Los Mochis, Sin. DEC 12 1230 – National anthem at this usual (for them) time, then into usual program "Buenos Dias Yardero," with XE tunes, heavy on the tuba. Poor today with CKOM dominating. [Wilkins-CO]
- 660 **MEXICO** XEEY *La Kaliente 102.9*, Aguascalientes, Ags. DEC 23 0600 – Under KTNN (surprisingly no sign of KGSV tonight) with children's choral version of Mexican anthem. Full AM/FM ID about 3½ minutes later. The odd spelling of "Kaliente" appears to be to distinguish it from the "La Caliente" grupera format of Grupo Multimedios. Relog. [Hall-CA]
- 660 **MEXICO** XESJC, *KVOZ*, San José del Cabo, BCS DEC 17 0700 – Under KTNN (still no KGSV) with call letter ID. Interestingly there didn't seem to be a Mexican anthem immediately before or after this ID. Relog. [Hall-CA]
- 670 **CUBA** *R.Rebelde*, multiple sites DEC 17 0605 – Song parallel 530, 1180 with very obvious echo (a full second late) between two or more signals. The second one is new, Cuba #33, station #1448. [Hall-CA]
- 700 **MEXICO** XEETCH *La Voz de los Tres Rios*, Etchojoa, Son. DEC 17 1359 – Virtually alone on channel with interesting indigenous music, mentions of Sistema Radiodifusoras Culturales Indigenistas by male and female announcers. Rarely in this well. Relog. [Hall-CA] DEC 22 1335 – Rustic drum and flute music from west/southwest, surely native station XEETCH; and the lowest XE frequency still propagating, not even 650 XETNT, 5 minutes before sunrise here at 1340 UTC, on the way to latest at 1344 in another biweek; no WLW; and nulling XEETCH, there is South Asian music, no doubt KHSE Wylie, no longer brokered religion in Spanish as in NRC AM Log, and still reported as such by MARE's in November. Radio-locator.com now says it's "Radio Caravan" with Asian format: www.radiocaravan.com which autolaunches Hindi/Bollywood audio (but English ad), or choose Telugu instead. Also operates on FM, IBOC and in Houston. [Hauser-OK]
- 700 **MEXICO** XEDKR *R.Red*, Guadalajara, Jal. DEC 17 0659 – Fair signals, surprisingly on top of channel with ad for Nutcracker Suite performances at the national auditorium in México, male announcer "La Red le informa" into network newscast followed by long *R.Red* jingle and promo's. Mentions FM 92.1 in México. Another Spanish language station and regular pest KALL were way underneath. Relog, but only heard once or twice before. [Hall-CA]
- 710 **CUBA** *R.Rebelde*, multiple sites DEC 17 0700 – 9-note Rebelde attention signal clearly audible from at least two different transmitters about a second and a half apart. Parallel 530, 1180 kHz. The second one is new, Cuba #32, Station #1447. [Hall-CA]
- 790 **MEXICO** XENT *R.Fórmula La Paz*, La Paz, BCS DEC 17 0657 – *R.Fórmula* programming as usual, but instead of running the children's choral version of the Mexican anthem from the main *R.Fórmula* feed just before midnight CST, they ran it at exactly midnight local time (MST). I've noticed this on one or two other *R.Fórmula* stations lately. Also, the program they were running after local midnight said it was originating from 103.3 XERFR-FM, as opposed to 970 XERFR. Relog. [Hall-CA]
- 800 **BONAIRE** PJB *TransWorld Radio*, Kralendijk NOV 12 2300 – Man (Bill Early) in English with "7 o'clock Atlantic Standard Time" and mention of "TransWorld Radio Bonaire here in the Caribbean Netherlands"; good.{A} [Connelly-MA]
- 820 **MEXICO** XEBA *La Consentida*, Guadalajara, Jal. DEC 23 0601 – Under XEABCA with uptempo adult choral version of Mexican anthem, "Consentida" slogans. Relog. [Hall-CA]

- 850 **ALASKA** KICY Nome DEC 17 0703 – Tentative. Faded up under KOA (which is barely audible on the south/southeast-north/northwest antenna) after XEMIA faded out. Man who sounded like a pastor gave the history of "Away in a Manger" then played the song. This was almost surely KICY running the "Songs in the Night" program from Moody Radio. Nome is almost exactly on the main beam of this antenna (332° vs. 341° antenna angle) and half of it is water path. KHHO is conservative talk and sports, so have to think this was needed KICY. I have sent an email to Moody Radio inquiring about the content of "Songs in the Night" that weekend, to see if it matches what I heard. [Hall-CA]
- 880 **MEXICO** XEAAA *R.Mujer 92.7 FM*, Guadalajara, Jal. DEC 17 0600 – High choral version of Mexican anthem, under KKMC and KCMX. This is the last Mexican station left on 880 AM (at least until the CP for XECHEP Chihuahua comes on). Formats have been swapped between the 880 and 1040 stations, presumably because XEAAA has an FM but XEBBB does not (i.e., they moved the leased Catholic programming to the station which didn't get an FM allocation). Relog. [Hall-CA]
- 900 **MEXICO** unID DEC 23 0602 – While XEW was playing the national anthem, another station faded up with a male announcer in Spanish. He seemed to mention "su estación" and XH call sign before an ill-timed fade. This would almost have to be needed XEOK, but I heard nothing that sounded like *R.Disney* programming or their main slogan "La radio que te escucha." They also did not run a Mexican anthem. [Hall-CA]
- 910 **COLOMBIA** HJMY, RCN, San Andrés, Islas San Andrés y Providencia DEC 18 1058 – Presumed the one, being the only RCN listed on 910 kHz and from the DF. Orchestral morphing into choral Colombian national anthem from 1058 while sitting on the frequency, then male, "Noticias en RCN Radio..." and fade into mix of domestics and Cuban stations. Pointed the same bearing as Nicaraguans on (nominal) 540 and 720 kHz. Listed as 30 kW, though I would be surprised if it's really that these days for such a small geography and never having heard from here before. First time log for this one, save for probably about 35+ years ago when it was appearing on the third harmonic. [Krueger-FL]
- 910 **CUBA** *R.Cadena Agramonte*, Camagüey-Tagarro DEC 17 1000 – Male, "Esta es Radio Cadena Agramonte, Camagüey," into brief light piano tune, then traditional Cuban vocals. In tight, mostly nulled local WTWD plus someone with an open carrier and 60-cycle hum, possibly *R.Metropolitana* Cuba. [Krueger-FL]
- 910 **CUBA** *R.Metropolitana*, Villa María DEC 17 1103 – Female, "Esta es Radio Metropolitana," into easy listening clarinet solo, then traditional Cuban vocals. Open carrier 60-cycle hum seemingly vanished with the ID, as if maybe this one popped on the modulated air at this time. [Krueger-FL]
- 940 **MEXICO** unID DEC 17 0707 – Children's choral version of Mexican anthem under KFIG in massive 950 XEKAM IBOC slop. XEKAM runs IBOC 24/7 except during the National Hour and occasionally other times on evening weekends. Normally on this wire I get XERLA, but I have yet to hear them running the anthem around local midnight. They do occasionally run the long children's choral version around 6 a.m., so it could well be them, but I suppose it could also have been XEMMM coming out of the National Hour in Pacific time. [Hall-CA]
- 970 **MEXICO** XERFR *R.Fórmula*, México, DF DEC 23 0559 – Children's choral version of Mexican anthem (as used on all *R.Fórmula* outlets) parallel 1370 XEMON. Relog, but fairly rare here. [Hall-CA]
- 1000 **MEXICO** XEOY *Mil AM*, México, DF DEC 23 0601 – Faded up under KOMO and KCEO with slightly uptempo adult choral version of Mexican anthem. (My local 1310 XEC appears to have stopped relaying XEOY recently.) [Hall-CA]
- 1010 **MEXICO** XEHL, *W Deportes*, Guadalajara, Jal. DEC 17 0601 – Faded up under KCHJ and KIHU (which was running day rig again) with adult choral version of Mexican anthem parallel 730 XEX. Relog. [Hall-CA]
- 1050 **MEXICO** XEBCS *La Radio de Surcalifornia*, La Paz, BCS DEC 17 0657 – Blasting in with U.S. rock oldies, adult choral version of Mexican anthem (this is a change; they previously ran the children's choral version), followed by long version of BC Sur state anthem, which I have also never heard them run before. Usual full ID mentioning FM 99.1, then into Sinaloa-style regional Mexican music. Relog. [Hall-CA]
- 1070 **MEXICO** XESP *Rock and Soul 91.9*, Guadalajara, Jal. DEC 17 0600 – Under KNX with children's choral version of Mexican anthem. Relog. [Hall-CA]
- 1100 **MEXICO** XETGO *R.Cañon*, Tlatenango, Zac. DEC 17 0600 – Faded up under KFAX and KWWN with slightly slow tempo children's choral version of Mexican anthem as logged at the Border Inn. New, Zac #11, Mexico #311, station #1450 from home. [Hall-CA]



- 1150 **MEXICO** XEAD *Metrópoli*, Guadalajara, Jal. DEC 23 0559 – This station's unusual slow time pips (2 seconds apart) were easily heard through XEUAS and KEIB. Faded up a minute later with Notisistema news in progress. They eventually got around to running their slightly uptempo adult choral version of the Mexican anthem at 0606 UTC. Relog. [Hall-CA]
- 1150 **MEXICO** XEUAS *Radio UAS*, Culiacán, Sin. DEC 17 0657 – Steady signal under KEIB with overnight classical music program and full (4:40) children's choral version of Mexican anthem. Relog. [Hall-CA]
- 1180 **CUBA** *R.Rebelde*, multiple sites DEC 17 0700 – 9-note Rebelde attention signal heard from at least 2, and possibly 3 transmitters, the third one coming a second or so after the first two. If I were a bit more sure about the third signal, it would be new. Relog. [Hall-CA]
- 1190 **MEXICO** XEWK, *W Radio*, Guadalajara, Jal. DEC 17 0600 – Mexican government PSA, *W Radio* slogan, into slightly uptempo adult choral version of Mexican anthem. Relog. [Hall-CA]
- 1300 **MEXICO** XEXW *La Bestia Grupera*, Nogales, Son. DEC 23 0600 – Mixing with XEP, with pre-recorded ID's by female announcer, "La bestia grupera," followed by male announcer, "1300 AM." They really seem to be getting out better this year. Not sure if it was this station or XEJL that played the adult choral version of the Mexican anthem an hour later. Relog. [Hall-CA]
- 1310 **MEXICO** XETIA *R.Vital*, Tonalá Jal. DEC 17 0600 – Nice signal through local XEC open carrier with ID by female announcer: "Usted escucha XE-Tia AM, Radio Vital, desde Guadalajara, Jalisco, México." This was preceded and followed by a brief oboe theme. XEC returned in mid-sentence a few seconds later with brokered religious programming. [Hall-CA]
- 1310 **MEXICO** unID DEC 23 0600 – Children's choral version of Mexican anthem audible through local XEC open carrier, under XETIA after its anthem ended. XEC came back on the air before it finished. This is almost certainly XEHIT, logged at the Border Inn but still needed from home. XETIA was still audible even after local XEC came back on. [Hall-CA]
- 1370 **MEXICO** XEPJ *R.Ranchito*, San Pedro Tlaquepaque, Jal. DEC 17 0602 – Distinctive slow orchestral version of the Mexican anthem (other stations in this ownership group, such as 1340 XEDKT, use this version, which slows down even more at the end). At the top of the following hour, I caught most of an ID, including very clear mentions of their slogan and location, so they are 24h now. Relog. [Hall-CA]
- 1380 **MEXICO** XECO *Romántica 1380*, México, DF DEC 17 0557 – Children's choral version of Mexican anthem in progress, *Romántica 1380* slogan, Mexican government PSA's. Caught a nice full ID the following hour with call letters, slogan, studio location, phone numbers, and mention of 50 kW. Announcer wished listeners "Feliz Navidad" and ended the announcement with Santa Claus "Ho ho ho!" Relog. [Hall-CA]
- 1410 **MEXICO** XEKB *Canal 1410*, Guadalajara, Jal. DEC 17 0600 – Faded in during ID, mentioned studio address Avenida Francia 1783, Guadalajara, into fast choral version of Mexican anthem (possibly the same version used on XEBS). Relog. [Hall-CA]
- 1440 **MEXICO** XEEST *Quiéreme 1440*, México, DF DEC 17 0557 – Spanish religious programming, possible mention of Grupo Siete. Children's choral anthem at 0601 exactly as heard on XEEST web stream recently. I would normally expect to hear XEABCJ on this antenna, but they run a grupera program at this hour, and have not been running an anthem at midnight recently. When they do run one, it's usually about 5 minutes after the hour. XEABCJ web stream sounds terrible this week; I wonder if it's actually going out over the air like that? XEEST format is an odd mix of talk, religious, and motivational programming. They temporarily moved this format to 1560 XEINFO (which had been silent for 9 years) from May-October 2017 before returning to 1440 kHz. According to one of the churches whose programs run on XEEST, this move was temporary to allow XEEST to upgrade their facilities. Speaking of 1560 XEINFO, they apparently re-emerged in November as 105.3 XHINFO, the only FM migration allocation granted in Mexico City, despite seemingly being one of the least deserving stations. They appear to have launched the FM "Aire Libre" (see <http://airelibre.fm/>), seemingly without ever restarting the AM and going through a simulcasting period. XEEST is new, DF #25, México #314, station #1453 from home. [Hall-CA]
- 1480 **MEXICO** XEZJ *Simplemente Supérate*, Tonalá, Jal. DEC 17 0601 – Distinctive slow orchestral version of the Mexican anthem (other stations in this ownership group, such as 1340 XEDKT, use this version, which slows down even more at the end). Relog. [Hall-CA]
- 1480 **MEXICO** unID DEC 23 0600 – High choral version of Mexican anthem barely audible through massive 1470 XERCN slop. It sounded like high adult voices in the chorus, but it

was hard to tell through all the slop. If it was a children's chorus, then this was likely needed XETKR. The only other possibility is XEVIC, also needed, but even less likely on this antenna. [Hall-CA]

- 1500 **MEXICO** XEDF *R.Fórmula*, México, DF DEC 23 0557 – Alone on the channel tonight with full ID, promos, and children's choral version of Mexican anthem from *R.Fórmula* network feed. Conditions sure seemed auroral this week! Where was KSJX? [Hall-CA]
- 1510 **MEXICO** XEQI *Opus 1510 AM/R.Nuevo León*, Escobedo, NL DEC 17 0601 – Instrumental version of Mexican anthem, ID by male announcer. Relog. [Hall-CA]
- 1520 **MEXICO** XEEH *La Primera*, San Luís Rio Colorado, Son. DEC 17 0557 – Regional Mexican music, slogan-ID, "La Primera, San Luís Rio Colorado." Lately I've been hearing KMPG (daytimer staying on all night) on this channel instead of XEEH. Relog. [Hall-CA]
- 1530 **MEXICO** XEUR *Extasis Digital*, México, DF DEC 23 0558 – Way under KFBK with children's choral version of Mexican anthem, ID by female announcer. Relog. [Hall-CA]
- 1560 **MEXICO** unID DEC 17 0601 – Suddenly appeared over KNZR and 1700 XEPE image (the Perseus picks up a mixing product of 1630 XEUT and 1700 XEPE, two of my closest locals) with start of children's choral version of Mexican anthem. This could be unneeded XEJPV, unneeded XELAC, or needed XECHZ, all of which might air this version at this hour. I did not hear XECHZ piccolo/marimba theme, or anything else, after the anthem, which would tend to point to XELAC (they go off the air right after the anthem). A few seconds before this station faded out, a third Spanish station briefly faded up before KNZR eventually took over. I think the third station might have been XEJPV. [Hall-CA]
- 1570 **MEXICO** XERF *La Poderosa*, Cd. Acuña, Coah. DEC 15 2009 – Checking for early skywave from XERF, like the past two afternoons, 3+ hours before sunset – but listening until 2023, it does not emerge from the jumble. Shows how variable conditions can be even for daytime MW DX. [Hauser-OK]
- 1590 **MEXICO** XEVOZ *Arroba FM*, México, DF DEC 23 0557 – Alone on channel with children's choral version of Mexican anthem in progress, *Arroba FM* slogan, followed by what sounded like a Mexican government PSA (audio became distorted for some reason), ID by female announcer, and pop music. Relog. [Hall-CA]
- 1600 **MEXICO** XEGEM *R.Mexiquense*, Metepec, Edo.Méx. DEC 17 0600 – Faded up under KGST with adult choral version of Mexican anthem (multiple verses) in progress. A few minutes later, they ran the Himno Estatal del Estado de México (state anthem). Couldn't find any of the parallels on 1080, 1250, or 1520 (1520 may have moved to FM). Relog. [Hall-CA]
- 1650 **MEXICO** XEARZ *Zer Radio 1650*, México, DF DEC 23 0558 – Barely audible under KBJD and KSVE with children's choral version of Mexican anthem. Relog. [Hall-CA]
- 1700 **MEXICO** XEPE Tecate, BCN DEC 17 0557 – Since December 12, this station (one of my closest locals and biggest pests) has been relaying co-owned 1030 XESDD (Spanish language political speeches, brokered religion, and who knows what else), reportedly due to Broadcasting Corporation of the Americas failing to make the rather exorbitant lease payments for 1090 XEPRS, 1700 XEPE and 105.7 XHPRS. Oddly, XEPRS and XHPRS have different owners; the owner of XEPRS has allowed BCA to keep broadcasting sports talk "Mighty 1090" on XEPRS, but reportedly wants to either find a new lease client, or sell the station if anyone will give their asking price \$11M. [Hall-CA]

TRANS-PACIFIC DX

- 657 **NORTH KOREA** *Pyongyang Broadcasting Station*, Kangnam DEC 23 1400 – Poor with higher-pitched North Korean 3+1 time pips. They were the only recognizable signal at the top of the hour (a few of the high-powered Japanese and South Korean stations were barely audible a few minutes earlier). Relog. [Hall-CA]
- 774 **JAPAN** JOUB, *NHK2*, Akita DEC 17 1400 – Poor with usual NHK time pips. Relog. [Hall-CA]
- 873 **JAPAN** JOGB, *NHK2*, Kumamoto DEC 17 1400 – Very weak with NHK time pips. Relog. [Hall-CA]
- 972 **SOUTH KOREA** HLCA, *KBS*, Hanminjoki DEC 17 1400 – Weak with *KBS* pips, but faded up a minute later with fairly good audio. Relog. [Hall-CA]
- 1566 **SOUTH KOREA** HLAZ, *FEBC*, Jeju DEC 22 1343 – Straining to follow the JBA carrier from the northwest, as *FEBC* is scheduled to change from Japanese to Chinese circa 1345 when the signal toward North America drops dramatically with pattern change toward the west rather than east. And it does: fortunately a slight fade-up first, making the cut at 1344:31 more obvious, but during the following minute I can still detect it. There was little doubt about 1566, but lacking any actual audio, this bit makes it even more definite. This is not a good TP morning, as only 3 other carriers were detected lowband. And local sunrise

here is 1340, creeping to 1344 at the latest in a biweek, so a few more better chances to observe this. I wonder what the true bearings are of the major lobes as both Japan and China cover large portions of the compass from so close? If centered on Tokyo it would favor Argentina beyond, while the direct path to Enid goes west of Japan as far north as Anchorage. [Hauser-OK]

Transpacific carrier search: DEC 22 1328 – Pre-sunrise: not much from northwest except 747, 774, 882 and 1566 kHz. [Hauser-OK]

CONTRIBUTORS

Mark Connelly WA1ION, South Yarmouth MA; Elad FDM-S2, cardioid pattern SuperLoop 9m vertical by 20m horizontal (peak 84°, null 264°), {A} in entry indicates that audio can be accessed at www.qsl.net/wa1ion/doc1/audio_2018.htm.

Tim Hall, Chula Vista CA; Perseus, SDR-IQ, 600-ft unterminated beverage aimed south/southeast-north/northwest.

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 IC-R75 with ~100-ft east/west longwire.

Terry L. Krueger, Clearwater FL; NRD-535, IC-R75, long wires, active loop.

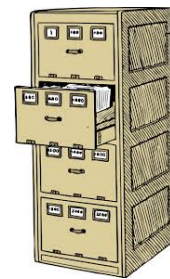
John Wilkins, Wheat Ridge CO; Drake R8, 4-foot box loop.

STATION NEWS

BELGIUM: RTBF leaving 621 and 1125 on December 31 – Since this morning DEC 17 0459, the following message is broadcast at the end of each hour (on 621 kHz); "A compter du 31 décembre, La Première va cesser d'émettre en ondes moyennes. Pour continuer à nous écouter, basculez votre récepteur radio en FM sur la fréquence de votre ville. Vous pouvez également nous écouter en direct en DAB+, via l'application radio player, ou sur auvia." (From December the 31st, La Première will cease transmitting on the medium wave. In order to continue listening to us, switch your radio receiver to FM on your city's frequency. You can also listen to us live on DAB+, through radio player app, or auvia.) The message seems to be only broadcast on MW, as it is followed by the end of the advertisement. Curiously, the second sentence is (almost) the same as in Allouis's equivalent announcement in December 2016. I did not hear any such message on VivaCité (1125 kHz); neither did I find any information about the time of the last transmission. [Vincent F4HPZ, mediumwave.info]

NETHERLANDS: 1008 *Groot Nieuws Radio* leaving MW on December 31 – Het christelijke radiostation Groot Nieuws Radio neemt na ruim elf jaar afscheid van de middengolf. Na 1 januari 2019 gaat het radiostation digitaal verder via DAB+, de vernieuwde app, satelliet en interactieve televisie. In de laatste weken van 2018 voert het presentatieteam nog volop actie en worden luisteraars geholpen om de overstap te maken naar digitale radio... Groot Nieuws Radio is het laatste landelijke radiostation dat op dit moment uitzendt via de AM-band. De eigenaar van de zendmast in Zeewolde wil de zendlocatie ontmantelen... De uitzending via de middengolf stopt op 1 januari om 01:00 uur. Vlak daarvoor klinkt nog een keer het lied 'Word of God Speak' van de band MercyMe op 1008 AM. "Met dit lied zijn we begonnen. Ons gebed was dat Gods woord zou spreken. We blijven doorgaan met onze missie via de verschillende digitale kanalen", vertelt Wilfred Hardeman. [www.grootnieuwsradio.nl]

73 and Good DX!



From the *DX News* archives

Thanks to Christopher Melugin KC0ZBP

10 Years Ago – From the July 20, 2009 issue of *DX News*: Licensed for U4 5000/5000, KFEQ-680 St. Joseph MO has been granted an STA for U1 1870/1250. A farmer, plowing at the KFEQ three-tower site, snapped one of the guy wires causing a tower to topple. KFEQ will be using tower #3 only, day and night, until the downed tower can be replaced and the necessary tuning of the array completed.

25 Years Ago – From the March 24, 1999 issue of *DX News*: Radio One begins a large drop in listeners as commercial stations begin to bite.

50 Years Ago – From the December 7, 1968 issue of *DX News*: One of the club founders, Henry M. Gordon, passed away suddenly on November 16, 1968. Harry was the editor and publisher of *DX News* in the 1930s.

75 Years Ago – From the January 15, 1944 issue of *DX News*: Mel Oliver, in Belaire, Texas, reported that the only verification from club specials since his last report was from WAWZ who said his was the most distant report so far received, so they hadn't received Norm Maguire's yet. He also reported verifications from KOL, KLX, KPOW, WHB, and WNOX.

DX Toolbox

Shawn Axelrod, 30 Becontree Bay, Winnipeg R2N 2X9 (Canada) amandx@mymts.net

Greetings once again from the Heart of the Continent and welcome to the DX Tool Box Column number 110.

We can all identify with this one (pun intended):

Bits and Bites from the NRC listserv: An FSL Extravaganza

From: Gary DeBock, Puyallup WA

Re: Puyallup WA Wild and Wacky TP's

A tiny 5 inch antenna isn't really supposed to track down multiple second tier TP's at good levels in a mediocre inland valley-- but when propagation gets this enhanced, all odds are off!

The exceptional Asian conditions reported by Colin, Nick and Walt were repeated down here, with the "Frequent Flyer" FSL flying high with the reception of audio on 783 (Chinese), 837 (Japanese and Chinese), 936 (Chinese) and multiple other frequencies at the noise-free local park. 963-CRI hit an awesome S9 level just prior to the 1400 TOH, and 864-HLKR did the same around 1420. 1143-BEL3 was potent with S7 Chinese around 1425, while 531-JOQG, managed its best signal ever here in Puyallup. As if that weren't enough, the S9+ performers on 603, 639, 657 and 738 repeated their thunderous romps again this morning, while a separate 5" FSL was set up in the back yard to record 657-Pyongyang from 1030-1500. There was so much S9 programming from the "Dear Leader" that the neighbor's electrical noise was totally swamped, as if it didn't exist (or maybe it couldn't tolerate the programming, and decided to throw in the towel?).

The wacky session started off in the predawn darkness at 1030. After a lackluster TA report from Victoria expectations were not high, but there were 603-HLSA and 657-Pyongyang, already hitting S9 peaks in the noisy back yard. After setting up Craig Barnes' 5" FSL to record 657 I headed for the local park at 1320, to be greeted with an astonishing variety of unusual Chinese, Korean and Japanese signals on second-tier frequencies. Most of these stayed at modest levels until after 1400, but 963-CRI's traditional Chinese music right before 1400 was a legendary S9+. Shortly thereafter the Chinese signals on 756, 783, 837, 936, 1017, 1035 and 1044 started managing decent audio, and 864-HLKA went on an S9 romp around 1420. Late on in the session 1143-BEL3 reached its best audio level ever here (S7, in some splatter), and 531-JOQG did the same (it is on a frequency usually covered by a semi-local 530-TIS station here). The awesome performers from yesterday were back in force-- 639-CNR1 repeated its S9+ signal with Chinese news at 1430, while 603-HLSA did the same at various times over its Chinese co-channel. 738-BEL2's Chinese totally shut down the Frisco splatter for most of the session, while the 657-Pyongyang signal (mentioned by all the Victoria DXers) had a four hour run from 1030-1430 at overwhelming strength. If I was as dedicated as Nick, Colin, Walt or Nigel this report would be a lot more detailed, but for a live DXer "living the dream" with a 5 inch FSL tracking down an astonishing variety of TP-DX in a mediocre valley, it was definitely a session for the ages!

531 JOQG Morioka, Japan Best signal ever here with male speech //594 at 1425; usually this station is covered by a semi-local TIS transmitter <https://dreamcrafts.box.com/s/j595mcuuhym84ly64xmek4jg41pcxp2>

639 CNR1 Chinese Synchros Repeating its S9+ signal from yesterday with Chinese news at 1431 <https://dreamcrafts.box.com/s/foijf4ehpltehuq2jzaw8icfxne8r4r>

657 Pyongyang BS Pyongyang, N. Korea Sweet-voiced lady with soothing speech at 1309... NOT! <https://dreamcrafts.box.com/s/utd5uw7z96agi6y4vf34w90v5z2iadq1>

756 CNR1 Chinese Synchros Male Chinese speech sounding like a hollow echo chamber at 1418 <https://dreamcrafts.box.com/s/pnlmh3mwpgb0l40tikenkq2bpz3zzrqf>

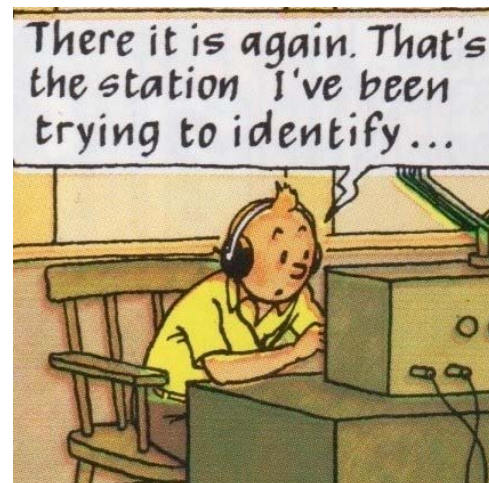
783 China Female Chinese speech not quite up to Hawaii strength at 1436, but strong enough for language recognition <https://dreamcrafts.box.com/s/07nm714p1qae6m60m0bg0kh8jpmglau>

837 NHK1-China Female Japanese speech //594 mixed with dominant Chinese music at 1434 <https://dreamcrafts.box.com/s/g2tru6awc0xupwcbd6mx3u9ca78a1w7f>

864 HLKR Gangneung, S. Korea Male Korean speech reaching a surprising S9 level at 1427; best signal ever here <https://dreamcrafts.box.com/s/kvjnje0517hpzshvn49oe1qyotgkrzof>

936 China (Anhui?) Female vocal music at good level at 1440 <https://dreamcrafts.box.com/s/it5zudvqpk2l170yc149acek6fmemvy1>

Male Chinese speech at fair level at 1443 <https://dreamcrafts.box.com/s/o1s0yve6468e1nronn0c8urrbina8q8j>



963 CRI Huaduan, China Traditional Chinese music at S9+ level just prior to the 1400 TOH-- best signal ever here, and one of the most memorable signals of the entire session <https://dreamcrafts.box.com/s/sg0dca0q2okqblj7azzfcvxsbxlxx600>

1143 BEL3 Penghu, Taiwan Female Chinese speech //738 at S7 level in some splatter-- best signal ever here <https://dreamcrafts.box.com/s/pie808oqo251u3ezxylcagg5gatcvn03>

73 and Good DX,

Gary DeBock (in Puyallup, WA, USA)

7.5" loopstick CC Skywave SSB Ultralight +

5" Frequent Flyer FSL (apparently thinking it was on an ocean beach)

From: Neil Kazaross, Barrington, IL

Re: A Phasing Story: Greenland-720 Logged in IL

A phasing story from last night. I live 12 miles NNW from WGN's Xmtr. I put down a 288 ft BOG at about 35 deg // a 177 ft one. Phase null of WGN peaked at about 50 dB and it was down close to S6 on Perseus. Sure enough there's audio seeming // KNR web stream which was mostly talk. Then from 0104-0108 a couple of bouncy tunes sung by females clinched it leaving me no doubt. This using the Quantum Phaser which I think I'd like 2:1 or even 3:1 Vernier knobs for.

When I got Greenland at my WI DX paradise a decade ago, WGN and KNR were about S7-8 using longer terminated BOGs. At 12 miles distance I have no skywave to worry about.

I couldn't get Greenland on 650 where even though WSCR and WSM are close together on the dial and in similar directions, WSCR IBOC crept up during best null on WSM and visa-versa.

IBOC sucks but phasing ROCKS. Short BOGs aren't impressive 'til you phase them to create good back nulls. 73 KAZ

73 for this time Shawn

Remember On A Clear Day You Can Hear Forever

2019 IRCA Convention: The 2019 IRCA Convention will be held on September 5, 6, and 7 at the Courtyard by Marriott Seattle Southcenter, 400 Andover Park West, Tukwila WA 98188. Registration is Free. Banquet (TBA) will be paid for individually by attendees. Guest room rate is \$109 plus tax. Guests are encouraged to share a room and save. Phone number(s) for room reservations are 800-321-2211 or 206-575-2500. You must mention International Radio Club of America Convention to get this rate. Hotel is 2 miles east of Sea-Tac Airport. There is also an Amtrak station in Tukwila just Northeast of the hotel. Parking at hotel is free. There are many restaurants and stores nearby and inside the hotel. Other amenities include business center, pool, free Wifi, etc.... Visitor's bureau is online at visitseattle.org. Your host for this event is Mike Sanburn: mikesanburn@hotmail.com

***** IRCA Mexican Log, 21st Edition (Winter 2018) *** NOW AVAILABLE *****

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Unreported Domestic Stations

No stations were reported to DDXD this issue for the first time since at least Volume 67 (1999-2000). But last time we messed up a whole bunch of things: we missed KRSC-1400, reported in issue 6, we got the callsign of defunct KYLT-1450 wrong, and our number of stations unreported in this period should now be 363. The full list was last printed in issue 85-19. Can you hear and report one next time?



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Peak Printing, Inc.
716 S. 9th Street, Cañon City CO 81212
(719) 275-2136 info@peakprintingonline.com

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