

DX News

Serving DXers since 1933



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From the Publisher: As anticipated, this issue is going out a little later than usual – thanks to everybody for their patience! We'll be back on the regular schedule next issue. See page 24 for the schedule of deadlines for the rest of Volume 86.

As noted last issue, the late Ron Schiller had been going through our archived *DX News* issues (which are available on e-DXN.com going back almost to the very first issue) for our "From the Archives" column. With Ron's passing, if there are any members who would like to review the relevant *DXN* issues and compile the historical notes going forward, please contact me at NRCDXNews@gmail.com and I can give you more information.

Publications: The 8th Edition of the NRC *Antenna Pattern Book* is now available! See page 34 for full details. 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!

Also IRCA has published a new Slogans List, which is available online at www.ircaonline.org as a free download, or for purchase in hard copy through the IRCA Bookstore.

Membership Report

"I would like to order the new *Pattern Book*. I have the 7th edition; it is a fantastic companion to the 39th edition of NRC *AM Radio Log*. Thanks for the informative and fun tools." – Don Vincent.

New Members: Welcome to William Bowers, Stafford, TX; and Richard Foster, Naperville, IL.

Renewing Members: Thanks for the ongoing support of Steven Branch; Dave Bright; John Callarman; E.L. Cook; David Cox; Russ Johnson K3PI; Robert La Morgese; Ted S. Liszewski; Harrison P. Reed; Jeffrey R. Seiler; and Mike Shirer.

NRC AM Radio Log 39th Edition Is Now Available



The National Radio Club's
AM Radio Log

A listing of U.S. and Canadian AM Broadcasting Stations

The 39th Edition for 2018-2019



The National Radio Club, the world's oldest and largest Broadcast Band DX Club, is proud to announce the publication of the 39th edition of the *AM Radio Log*. The *AM Radio Log* is a source for information on AM radio stations in the United States and Canada. The 39th edition of 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

David Yocis, 9412 Ferry Landing Ct., Alexandria VA 22309, NRCDXNews@gmail.com

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

- 1110 WMUX WV Hurricane – Call change to WYMW (Oct. 19).
 1230 WOIC SC Columbia – Call change to WPCO (Oct. 11).
 1410 WTIK NC Concord – Call change to WEGO (Oct. 10); had these calls until 2009.

CONSTRUCTION PERMITS (CPs) FOR EXISTING STATIONS

CPs built, awaiting final licensing:

- 1260 WISO PR Ponce – Applies for license to cover CP for U1 2300/2300, new tower at 17-59-22/66-37-11.

CPs granted:

- 790 KOSY AR Texarkana – Granted CP for U1 1000/23, adjust coordinates 33-22-25/94-01-01.
 1200 WSML NC Graham – Granted CP for U1 4600/8, new site 36-05-51/79-29-11.
 1460 WPON MI Walled Lake – Granted CP for U4 670/175, new site 42-32-39/83-33-36 (replaces expired CP).
 1510 WMEX MA Boston – Granted CP for U1 10000/100 (ch 2000), CoL to Quincy MA, diplexed with WBIX-1260 at 42-16-25/71-02-30.

SPECIAL TEMPORARY AUTHORITY (STA)

STAs granted:

- 690 KHNR HI Honolulu – Granted STA, U1 3850/3850, transmitter problems.
 1170 WFDL WI Waupun – Granted STA, D1 100, 180' LW at licensed site; tower fell in storm.
 1230 WLNR NC Kinston – Granted STA, reduced power (using U1 5/5), hurricane damage.
 1310 WISE NC Asheville – Granted STA, U1 5000/250, night pattern phasor problems.
 1330 WHGM MD Havre de Grace – Granted STA, D1 10, whip at 39-33-02/76-05-30; lost site.
 1370 KFRO TX Longview – Granted STA, U1 1000/108, vandalism at tower site.

Application for STA filed:

- 1560 WMRO TN Gallatin – Applies for STA, U1 200/3, longwire at 36-23-36/86-28-02; has lost licensed site.



Extensions to previous STAs granted:

- 950 WTLN FL Orlando – Granted STA extension, U2 12000/10000, Cuban QRM.
 1010 KXEN MO St. Louis – Granted STA extension, U5 50000/125, night operation from vertical wire at 38-38-09/90-11-45.
 1140 KXST NV North Las Vegas – Granted STA extension, parameters at variance.
 1330 WENA PR Yauco – Granted STA extension, U1 500/350, 185' LW at 18-01-17/66-51-54.
 1380 WBEL IL South Beloit – Granted STA extension, U1 5000/1250 or params. at variance.
 1400 WSEG GA Savannah – Granted STA extension, reduced power.
 1490 WSVM NC Valdese – Granted STA extension, U1 500/500, 210' LW at 35-44-17/81-33-26.
 1580 WLIM NY Patchogue – Granted STA extension, U1 and reduced power (? day/125 night).

Applications to extend existing STAs filed:

- 790 KEJY CA Eureka – Applies to extend STA, U1 500/110, KWSW-980 tower.
 970 WNNR FL Jacksonville – Applies to extend STA, U1 250/41.
 1000 WRTG NC Garner – Applies to extend STA, D1 500, completing tower repairs.
 1310 KEZM LA Sulphur – Applies to extend STA, U1 125/13, temp. tower at 30-14-11/93-20-47.
 KTCK TX Dallas – Applies to extend STA, parameters at variance, KLIF-570 diplexing.
 1370 WGIV NC Pineville – Applies to extend STA, reduced day power (using U1 1000/45).
 1460 KARR WA Kirkland – Applies to extend STA, U1 250/250, 31m LW at 47-37-44/122-10-10.
 1480 WGFY NC Charlotte – Applies to extend STA, night pattern 24 hours but still 4400/5000.
 1590 WFBR MD Glen Burnie – Applies to extend STA, parameters at variance.

SILENT STATIONS

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

- 900 WNMB SC North Myrtle Beach – Silent Aug. 28; on the air with STA Oct. 5.
 1480 KNTB WA Lakewood – Silent Oct. 8 (2017); on the air Oct. 8.
 1540 WKDG AL Sumiton – Silent Aug. 26 (2017); on the air with STA Aug. 22.

Stations informing the FCC that they are silent:

- 590 WDIZ FL Panama City – Silent Oct. 10, Hurricane Michael.
 910 WSRP NC Jacksonville – Silent Oct. 8, Hurricane Florence.
 1260 KWEI ID Weiser – Silent Oct. 3, change in ownership.
 1430 WLTG FL Panama City – Silent Oct. 10, Hurricane Michael.

*NRC AM Log Updates*

- 550 WDUN GA Gainesville – Delete A network, add Fox.
 570 CKWL BC Williams Lake – Slogan to “Caribou Country” // CKCQ-100.3. (SA)
 580 WACQ AL Tuskegee – Adds // W251CM-98.5. (FCC)
 590 WJMS MI Ironwood – Adds // W221EH-92.1. (FCC)
 WKZO MI Kalamazoo – Delete slogan. (JJR)
 610 WRUS KY Russellville – Networks to C.
 690 KCEE AZ Tucson – Format to REL (ex-NOS); slogan to “Reach Radio.”
 780 WPTN TN Cookeville – Networks to SRN.
 800 KPDQ OR Portland – Adds // K292HH-106.3. (FCC)
 810 WYRE MD Annapolis – Format to AOR (ex-CLR).
 900 WATK WI Antigo – Slogan to “Classic Hits 98.7.” (JJR)
 CKBI SK Prince Albert – Slogan to “Saskatchewan Country.” (JJR)
 910 KPOF CO Denver – Adds // K274DF-102.7. (FCC)
 920 WKVA PA Lewistown – Format to CLR (ex-OLD); slogan to “Big 100,” adds // W262DO-100.3.
 940 WGRP PA Greenville – Format to AC (ex-OLD).
 970 WZAM MI Ishpeming – Slogan to “ESPN U P.” (JJR)
 1010 KXPS CA Thousand Palms – Slogan to “Sports Team.”
 WIOI OH New Boston – Adds // W294CN-106.7. (FCC)
 1040 WYSL NY Avon – Slogan & Group to Grp= The Voice of Liberty.
 1050 KFIO WA Dishman – Adds // K249FF-97.7. (FCC)
 1060 WRHL IL Rochelle – Networks to C/Agt/Bf/Il/WW1.
 KKVV NV Las Vegas – Slogan & Group to Grp= Best News Radio.
 1140 WAWK IN Kendallville – Slogan & Grp= The Hawk.
 1150 WTMP FL Egypt Lake – Format to UC:OLD (ex-UC:HipHop); slogan to “Motown and Classic R&B Oldies.”
 1180 KYES MN Rockville – Adds // K228FV-93.5. (FCC)
 1230 WTCJ IN Tell City – Slogan & Group to Grp=93.3 the Vibe.
 KTNC NE Falls City – Adds // K296HK-107.1. (FCC)
 1240 WBEJ TN Elizabethton – Networks to Nn/WW1.
 1260 WPNW MI Zeeland – Networks to SRN & Group to Grp= The Pledge.
 1290 WRPA RI Providence – Slogan & Group to Grp= The Publics Radio. (BH)
 1320 WLOH OH Lancaster – Slogan & Group to Grp= The Wolf (ex-Grp= The Hocking Valley’s Best Country Variety!).
 1330 WHAZ NY Troy – Slogan to “ALIVE Radio Network.”
 1340 WBLB VA Pulaski – Adds // W298CY-107.5. (FCC)
 1360 WPPA PA Pottsville – Adds // W290DP-105.9. (FCC)
 1380 WOTE WI Clintonville – Networks to Ns; slogan & Group to Grp= The Franchise (ex-Grp= ESPN 96-5 and 94-9). (JJR)
 1400 WFL FL Fort Lauderdale – Adds // W296DK-107.1. (FCC)
 WZAZ FL Jacksonville – Slogan to “Gospel 1400.”
 WBAT IN Marion – Format to CLR/TLK (ex-TLK); slogan to “Greatest Hits,” networks to C/NIn/Bf.
 WHTB MA Fall River – Adds // W229DC-93.7. (FCC)
 WCCY MI Houghton – Slogan to “99.3 the Lift.” (JJR)
 KBJM SD Lemmon – Format to CLR/OLD (ex-C&W/OLD); slogan to “Classic Hits.”
 1420 WPEH GA Louisville – Slogan & Group to Grp= The Peach.
 WKSR TN Pulaski – Format to CLR (ex-C&W); slogan & Group to Grp= Classic KSR (ex-Grp= Serving Giles County).

- 1440 WVGG MS **Lucedale** – Format to C&W/TLK (ex-C&W/GOS).
 1450 WDNG AL **Anniston** – Format to AC (ex-NWS/TLK); slogan to “My 95 FM,” drop nets.
 WBTL VA **Highland Springs** – Slogan to “Boomtown Richmond,” adds // W225CU-92.9; delete Grp= Boomtown Richmond.
 1490 WIRB AL **Level Plains** – Format to TLK (ex-GOS); slogan to “Talk 1490.”
 KGBA CA **Heber** – Slogan to “La Voz Que Inspira.” (BH)
 1500 WFED DC **Washington** – Slogan to “Federal News Network.”
 WPJX IL **Zion** – Format to Rock (ex-SS); slogan to “Rebel Radio.” (JRR)
 1510 WCAZ IL **Macomb** – Format to C&W (ex-CCR); delete slogan. (FM)
 1520 KKXA WA **Snohomish** – Slogan to “Classic Country.”
 1540 WMYJ IN **Martinsville** – Adds // W263CH-100.5.
 WULT VA **Sandston** – Format to SS:CHR (ex-UC:OLD); slogan to “Ultra 94.1 FM & 1540 AM,” adds //W231DP-94.1; delete Grp= Boomtown Richmond.
 WPTT WI **Hartford** – Format to CLR (ex-CHR); slogan to “Party 92.9.” (JJR)
 1550 WJIL IL **Jacksonville** – Adds // W246DP-97.1. (FCC)
 1570 WFRL IL **Freeport** – Slogans to “1570 Big Radio,” “K92 Kickin’ Country”; adds // WFPS-92.1. (SA)
 WIZK MS **Bay Springs** – Adds // W270CZ-101.9. (FCC)
 1580 WDQN IL **Du Quoin** – Format to XMAS (ex-ACd/C&Wn/CLRan); slogan to “Christmas 97.1.” (Quoting Shawn Axelrod: “Way too early for this!” – wh)
 KTLU TX **Rusk** – Slogan to “Classic Hits Radio FM 103.9.”
 1590 WCAM SC **Camden** – Adds // W254DQ-98.7. (FCC)
 1600 WKYI KY **Eminence** – Format to CLR/C&W (ex-SS:MEX); slogan to “My 94.1,” adds // W231DB-94.1; delete Grp= La Poderosa de Kentuckiana.

Group Name Changes

Grp= ESPN 96-5 and 94-9 becomes Grp= The Franchise (JJR)

Grp= Serving Giles County becomes Grp= Classic KSR

Grp= The Hocking Valley’s Best Country Variety! Becomes Grp= The Wolf

Group Changes

Grp= El Patron – Adds K234DD-94.7 Santa Rosa

Grp= ESPN Coastal – Adds W253CI-98.5 Blackshear

Grp= ESPN Deportes LA – Adds K276GK-103.1 Pomona

Grp = La Poder de Kentuckiana – Drops WKYI-1600 & W231DB-94.1

Grp= Radio Fe – Adds W294CX-106.7 Tallahassee

Grp= The Source – Adds W281CG 104.1 Traverse City

Grp= The Wolf – Adds W275CT-102.9 Somerset



New Groups

Grp= 93.3 the Vibe – WTCJ-1230, W227CO-93.3, W294CG-106.7

Grp= Best News Radio – KKVV-1060, K261ES-100.1, K291BX-106.1

Grp= The Hawk – WAWK-1140, W238BH-95.5, W232DK-94.3

Grp= The Peach – WPEH-1420, WPEH-FM-92.1, W278CO-103.5

Grp= The Pledge - WPNW-1260, W255DI-98.9, W243BD-96.5

Grp= The Public’s Radio – WRPI-1290, WNPE-102.7, WCVY-91.5, WNPN-89.3, WELH-88.1 (BH)

Grp= The Voice of Liberty – WYSL-1040, W238DE-95.5, W221CL-92.1

Deleted Groups

Grp= Boomtown Richmond

Thanks to Shawn Axelrod (SA) Bill Hale (BH) FCC Database (FCC), John J. Rieger (JJR), Frank Merrill Jr. (FM).

MEMBERSHIP RENEWALS

Don’t forget that your subscription expiration date is on the back cover. Renewals go to NRC Headquarters, P.O. Box 473251, Aurora CO 80047-3251. Rates are on the back page. Order publications at the same time – only one check is necessary.



Domestic DX Digest – East

Mike Brooker, 99 Wychrest Avenue, Toronto ON M6G 3X8 (Canada)

patria1818@yahoo.com

Loggings of U.S. and Canadian stations by DXers in the Eastern & Atlantic time zones

All times are Eastern Local Time (ELT)

REPORTERS

- BC-NH **Bruce Conti, Nashua** – Excalibur SDR, variable termination 50 x 75-ft Super/Ewe antennas at 60° northeast and 180° south.
- SC-IN **Steve Chappell, McCordsville** – K9AY loop antenna, homebuilt receiver
- HJH-PA **Harry Hayes, Wilkes-Barre** – Grundig S350, C Crane Skywave, Kiwi Pocket Loop
- TLK-FL **Terry Krueger, Clearwater** – NRD-535, IC-R75, roof dipole, active loop
- KK-VA **Kraig Krist, Manassas** – Winradio G33DDC SDR, Wellbrook ALA-1530S+ Imperium Loop
- RM-CT **Ron Musco, Poquonock** – Amelco R-390A and long wires east and west connected to a phasor
- RJS-OH **Bob Schroeder, Cincinnati** – Yaesu FT-991A with random wire and MFJ 956 tuner; CCrane Skywave barefoot or with 2-foot box loop or 5.5 inch FSL.
- PS-ON **Paul Snider, Thorold** – Elad FDM-S2, Pixel Pro 1B loop, MFJ-1020C tuner
- JW-PA **Jim Weber, Oyster Point** – Grundig S350
- MKB-ON **Mike Brooker, Toronto** – Grundig YB-400PE, Sony SRF-39FP, C Crane CC Skywave, Panasonic RF-2200

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UNID

- 800 unID -- – 10/4 0707 – Trio-ish female Country version of the Star Spangled Banner 0707-0708, male announcer but fast fade. A couple minutes later, female with Palatka/Jacksonville traffic update, which would be WPLK, Palatka. Not sure if the same source as the anthem. (TLK-FL)
- 1090 unID -- – 10/10 0635 – Someone surfacing a couple times with Classic Country. Alan Jackson “Mercury Blues” and at 0644, Shania Twain “You Lay a Whole Lot of Love on Me.” Pointing NE. WBAF, Barnesville, GA? (TLK-FL)
- 1510 unID -- – 10/13 0626 – In multi-station mix (WLAC, WWBC, UNID C&W, oldies and other singing), station with oldies, male”...here on 95 9 W(?)PD.” Unable to determine what I’m hearing or the second letter of the callsign. (KK-VA)

LOGGINGS

- 570 WKBN OH **Youngstown** – 10/17 1904 – From the “O’Charley’s Digital Studio,” ads for Mazza’s Heating and Cooling in Girard, OH and Mark Thomas Ford in Cortland, OH. Into Sean Hannity show at 1906. (RJS-OH)
- 580 WTAG MA **Worcester** – 10/10 2140 – Local ads (gun reseller, dentist with 508 area code), talk about various U.S. news items, only caught “WTAG” in ToH ID, Fox news, promos for Fox shows, better ID at 2206 “on 580, 94.9 WTAG,” weather with lots of WTAG mentions. Good at first fading to poor/very poor. (PS-ON)
- 630 WBMQ GA **Savannah** – 10/7 0616 – Public affairs program about coastal conservation and mentions of Tybee (Island), 0632 male “...WBMQ, the award-winning public affairs magazine, Viewpoint.” (TLK-FL)
- 690 WQNO LA **New Orleans** – 10/20 0718 – Out of the mix with multiple mentions of Catholic Radio and EWTN.com. Interview with Rome correspondent about the “testimonies” of Archbishop Viganò. Search of EWTN station list shows only this one on 690 kHz. (RJS-OH)
- WELD WV **Fisher** – 10/20 0645 – Oldies format with Lionel Richie, Stevie Wonder, Chicago, etc. Clear ID heard at 0646. (RJS-OH)
- 740 CFZM ON **Toronto** – 10/9 0621 – Tail-end of “The Long and Winding Road” by the Beatles, matching their website stream and Recently Played scroll. Into local traffic. WYGM co-channel. (TLK-FL)
- 770 WVNN AL **Athens** – 10/17 0719 – WAAY-TV 31 spot followed by male “WVNN, where Alabama talks” and “News Talk 7-70 AM and 92-5 FM.” First log here. (TLK-FL)

- 790 WNIS VA **Norfolk** – 10/17 0600 – Fox News at tune-in, ID by man coming out of news, tractor supply spot “on Route 17” and more local commercials. WAXY and Reloj co-channel. First, log here, I believe. **(TLK-FL)**
- 880 CKLQ MB **Brandon** – 10/7 0710 – Creaming WCBS with C&W songs, “Western Manitoba’s greatest country, Q Country 91.5” slogan that didn’t even mention AM frequency. **(MKB-ON)**
- 920 WMMN WV **Fairmont** – 10/13 0500 – In very well around this time with Fox Sports talk and clear ID including mention of Fairmont. **(JW-PA)**
- CKNX ON **Wingham** – 10/13 0517 – Country music then Willie Nelson with “Always On My Mind” after nice ID at 0517. **(JW-PA)**
- 940 WMIX IL **Mount Vernon** – 10/14 0713 – ID at 0713 then into “Everybody Plays the Fool” right before WADV power-up. **(JW-PA)**
- 950 WBES WV **Charleston** – 10/15 0400 – Fair signal with decent callsign ID on the hour, “WVTS Charleston.” **(JW-PA)**
- 980 WAAV NC **Leland** – 10/9 0448 – Red Eye Radio, break with “...980 The Wave, News, Talk and Sports.” Net news, into “America in the Morning” Westwood One from 0506. **(TLK-FL)**
- WAZS SC **Summerville** – 10/11 0604 – Male canned “980 La Raza” slogan between Mexi-tunes. Multi-station FM plus AM WAZS Summerville ID by accented male at 0702. Some COCO and WAAV co-channel. **(TLK-FL)**
- 1060 CKMX AB **Calgary** – 10/19 0500 – Over KYW; “...Funny 1060 AM” and standup comedy. **(BC-NH)**
- +++ - 10/18 0722 – Weak but steady, “Calgary’s Funny 1060 AM” slogan. New. **(SC-IN)**
- 1070 WAPI AL **Birmingham** – 10/17 0448 – Red Eye Radio feed, net news at 0500, call letter ID at 0505 and promo for “Boo at the Zoo” event at the Birmingham Zoo. **(TLK-FL)**
- KNX CA **Los Angeles** – 10/16 0710 – Popped up loud briefly between all the co-channel mess. Man and woman with local news on an overnight fire, “KNX 10-70 News Radio... news happens every day while you’re at work...knx1070.com...” station promo. **(TLK-FL)**
- WFLI TN **Lookout Mountain** – 10/17 0406 – Seals & Crofts “You’re the Love” then male canned ID into the Carpenters “There’s a Kind of Hush (All Over the World Tonight).” Station stream closely time parallel. Pretty dominant on the channel. **(TLK-FL)** *Rumors of this station’s demise in 2017 were greatly exaggerated as WFLI returned to the air with an oldies format. “There’s a Kind of Hush” was a Herman’s Hermits song, but apparently there is also a cover version by the Carpenters. Mike.*
- 1080 WKJK KY **Louisville** – 10/17 0512 – “America’s First News” feed, Louisville traffic report at 0517, “Talk Radio 10-80” promos. Some KRLD co-channel. First log here, I think. **(TLK-FL)**
- 1130 WHHW SC **Hilton Head** – 10/7 0742 – Male “Serving Hilton Head... FM 96.1 and 1130 AM, The Island” into Jackie Wilson’s “(Your Love Keeps Lifting Me) Higher & Higher.” **(TLK-FL)**
- +++ – 10/1 2329 – “The Lion Sleeps Tonight” by the Tokens, “songs that...96.1 The Island” slogan at 2331 into “Bird Dog by the Everly Brothers. Poor to very poor under WBBR. // to Tune In stream. **(PS-ON)**
- 1150 WLOC KY **Munfordville** – 10/11 2205 – C&W music including “Rumor” by Lee Bice, “Queen of my Double Wide Trailer” by Sammy Kershaw, “Studio 101, WLOC” slogan at 2212. Fair at times fading to very poor with CKOC, WAVO et al. **(PS-ON)**
- WAVO SC **Rock Hill** – 10/7 2136 – From weak to strong level with slogan “We’re the station with fewer interruptions but only the greatest music ever made.” Music is old standards. Had PSA for Sleep Apnea Association. Ex-WYRS. **(HJH-PA)**
- 1160 KSL UT **Salt Lake City** – 10/18 0714 – “Salt Lake City, Utah time 5:14” noted during local news. **(SC-IN)**
- 1200 WSML NC **Graham** – 10/7 2200 – Fair signal with others. ID consisted of slogan “Triad Sports Talk” and mentions of numerous outlets including frequencies 600 and 920 and call ID WSML. This was repeated about 3 times as if to fill in ad space. Fox Sports Radio programming. New one. **(HJH-PA)**



- WKST PA New Castle** – 10/18 1859 – Over Ottawa and Detroit co-pests with string of Ad Council PSAs, “keeping you informed 24 hours a day, this is News Radio 1200 New Castle” ToH ID into Fox news. **(MKB-ON)**
- 1210 KUBR TX San Juan** – 10/12 2210 – Thought I had an unknown Mexican station with regional Mexican music and slower Spanish language tunes, heard “La Radio Christiana Network” slogan at 2233, brief talk by male in SS, more regional Mexican sounding music. Fair at times almost over WPHT to very poor. // to Tune In stream. **(PS-ON)**
- 1280 KNBV AR Newport** – 10/16 0542 – Local weather forecast then “Newport KNBV” ID and back to the oldies. **(SC-IN)**
- WUZZ PA New Castle** – 10/8 2211 – Sports talk, ESPN mentions, ads including one regarding station promos (rules listed on www.forevernorthwestpa.com), “ESPN 1280 WUZZ...” ID at 2216, quick weather mention. Fair at times to very poor in station mix. Ex-WJST. **(PS-ON)**
- WMCP TN Columbia** – 10/12 2320 – C&W, nice clear ID at 2322: “Thanks for being a part of 1280 WMCP” by female announcer, more music. Fair for a few minutes fading to very poor by 2327, fighting UNID Spanish language station playing music and others. **(PS-ON)**
- 1310 WHEP AL Foley** – 10/18 0656 – “America’s First News” feed, baritone male at 0658, male 0659 with ID, news, local weather (currently 64, high and low tide times), back to “America’s First News” from 0706. **(TLK-FL)**
- 1320 WRJW MS Picayune** – 10/18 0715 – “Together Again” by Emmylou Harris, segued to “Third Rare Romance” by Sammy Kershaw, then female DJ with local weather, ID. Parallel Streema. **(TLK-FL)**
- WDER NH Derry** – 10/18 0552 – Rising up under WATR with male preacher relating religious themes, no ID. Checked against internet broadcast for confirmation. **(JW-PA)**
- 1350 WZGM NC Black Mountain** – 10/16 1847 – Local weather and ads for Carolina Renaissance Festival and NC National Guard. Back to “When Radio Was” and the “Jack Benny program.” **(RJS-OH)**
- WOYK PA York** – 10/16 1834 – Clear ID, ads for local sleep Center, Brown’s Pumpkin Patch and Farm Market into sports talk. **(RJS-OH)**
- 1360 WQVN FL North Miami** – 10/18 0728 – Emphatic Haitian kreyol man, into kompas vocals at 0731. **(TLK-FL)**
- 1370 WTAB NC Tabor City** – 10/19 0652 – “Without Your Love” Aaron Tippin, into North Carolina News Network, promo for carolinajournal.com. **(TLK-FL)**
- 1450 WPGG NJ Atlantic City** – 10/19 0538 – Presumed with mentions of 104.1 and talk radio, no ID heard. **(JW-PA)**
- CHOU QC Montréal** – 10/19 0600 – Atop the pile; Middle Eastern music and fanfare leading up to presumed reading of news in Arabic. **(BC-NH)**
- 1470 WJDY MD Salisbury** – 10/16 0600 – Nice call sign and locale ID on the hour. “W-J-D-Y Salisbury,” then into news. **(JW-PA)**
- KMNQ MN Brooklyn Park** – 10/9 2154 – Regional Mexican music, “...La Raza...” slogan by female announcer at 2155, caught some of their ToH ID at 2201 in EE and SS: “...1470 KMNQ (slowly spoken)...La Raza (multiple times)” into more music. Fair to very poor, mostly lost by 2205 in station mix. // to Tune In stream, but about 30 seconds behind. **(PS-ON)**
- 1540 WSIV NY East Syracuse** – 10/15 1615 – Noted gospel singing by woman beneath the Chinese powerhouse (i.e. CHIN in Toronto). At 1630 a woman said “W-S-I-V Syracuse. A phone call to the station confirmed when the program ended the woman gave the ID and station went off the air. I got it all on tape and glad WDCD is off and I’ll have to pursue this channel at sunset when conditions are better. **(RM-CT)**
- 1560 WGLB WI Elm Grove** – 10/19 0601 – Under WFME; promo, “...right here on WGLB AM 1560 and 96.1 FM.” **(BC-NH)**
- 1570 WFLR NY Dundee** – 10/15 0432 – Call letter ID snuck in at this time and at 0453, “WFLR Finger Lakes Country” slogan. **(JW-PA)**
- 1600 WZNZ FL Atlantic Beach** – 10/9 0733 – Wall Street report, call letter ID. Co-channel WKWY, WAOS. **(TLK-FL)**
- 1620 KOZN NE Bellevue** – 10/10 0015 – Lots of Fox Sports Radio promos, national and possibly some local ads, sports talk. Unable to catch ToH ID at 0100. Fair occasionally to very poor in mix with Amherst, NY TIS WQCT657 and Radio Rebelde. **(PS-ON)**

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 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. Your cooperation is much appreciated. All times are Eastern Local Time (ELT)!! Reports older than 30 days will be excluded at the editor's discretion.

Deadline for Volume 86 Issue 4: Thursday, November 1.

Send your loggings and see your name in print!! Good DX to ALL!

REPORTERS

- SMA-MB** Shawn Axelrod Winnipeg, MB 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-IA** Rick Dau DXing on the Muscatine, Iowa KiwiSDR adding to the Davenport, Iowa logbook (410 domestics; 424 loggings overall)
- MD-KS** Mike De Roo Roeland Park, KS Sony ICF-2010 [Welcome aboard!]
- JEL-MO** Jefferson E. Lewis Kansas City, MO Honda Odyssey car radio
- 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

The above DXers challenge all you other folks in the DDXD-West territory to join them.

Editor's note: Rick Dau has introduced me, and now maybe you, to 'SDR DXing'. That's where someone has installed an SDR (Software Defined Radio) card in their computer and attached it to an antenna. The card receives RF signals and through the magic of electronics are made available over the Internet. Anyone can connect via their browser (most, I understand, except IE), tune up and down almost any band and listen to stations that antenna is picking up. These 'remote' sites are based all over the world. Rick has found a site only 25 miles from home in Iowa, and is hearing many stations possibly not previously heard and reporting them. He writes: "I was elated to find out that a ham radio operator in Muscatine, Iowa -- a mere 25 air miles from Davenport -- launched an online SDR at the end of September, and I've been on it constantly since." So, if want to try your luck, have at it. However, if you live in Illinois, don't report hearing a graveyarder in California from your home (just an example). Report this 'catch' as such from the location of the SDR. I'll be watching!! The site to get started is <https://www.sdr.hu/>. Click on 'receivers' and go from there. From what I perceive, each SDR can accommodate up to four 'listeners' at a time, and that is indicated up front before you would attempt to go to that site. Good "SDR" DX.

DX LOGGINGS

- 680 WPTF NC Raleigh – 10/14 2319 – Fair, in WSCR-670's digihash, with mentions of Cary, Apex, and Wake Forest in ad for 'Habitat For Humanity of Wake County', then ad for Adams and Cheek Dentistry of Raleigh, then back into WPTF's Sunday Night oldies program (they played Patti Page's "Tennessee Waltz" a few minutes before this). Confirmed via the KiwiSDR from Raleigh, as I couldn't find a stream for WPTF on either tunein.com, streema.com, or the station's own website. NC #6. **(RD-IA)**
- NewsRadio680**
WPTF
- 690 CBKF1 SK Gravelbourg – 10/6 0740 – Poor --FF. Certainly stood out. M/F anchors. "Chaîne" heard. Alone. **(JJR-WI)**
- 700 KHSE TX Wylie – 10/6 0740 – Poor-Fair powered up w/SS. Advertising contact John Hammond. No WLW! Alone. **(JJR-WI)**
- 730 CKDM MB Dauphin – 10/05 2105 – Carrying Winnipeg Blue Bombers football game via CJOB relay. There were both CJOB and CKDM IDs at different times of the coverage as the play by play announcers gave CJOB IDs during the coverage. This could be confusing for some DXers. **(SMA-MB)**

- 780 KCEG CO Fountain – 10/18 0230 – Poor, but steady, under WBBM. Classic Country. USB only for some reason. New. (MD-KS)
- 790 KXXX KS Colby – 10/4 0743 – Fair, with mentions of “eastern Colorado” and “Nebraska” in weather forecast, then a mention of “Kansas Farm and Ranch Radio” by male announcer in ag-related talk. (RD-IA)
- 790 WSGW MI Saginaw – 10/4 0234 – Fair-to-good, with ad for ‘Tri-City Health & Wellness Expo’ on October 6th in Saginaw, then ad for ‘michiganhelpwanted.com’, then back into Coast-To-Coast AM. WBBM’s IBOC off at the time, which helped. (RD-IA)
- 900 CHML ON Hamilton – 10/19 1947-1948 – Good, with mention of regular program dealing with advice on how not to lose around 50% of your estate to tax if you pass away, so your family would suffer financially, then calls, But faded with several very weak UNID’s barely audible. They run 50 KW day and night with separate patterns, but their night pattern basically has a major lobe ESE with a couple of other minor lobes, but nothing in our direction. Heard a few times before. (JEL-MO)
- 900 CKBI SK Prince Albert – 10/6 0735 – Poor -- “Radio Player Canada app” (fades) . . . “Saskatchewan’s biggest online . . .”. (JJR-WI)
- 930 WTAD IL Quincy – 10/14 0706 – Poor, with ‘WTAD.com’ & ‘Quincy 1/2 Price’ promo. With others. Not common. (JJR-WI)
- 940 KVSH NE Valentine – 10/5 0804 – Topping the channel on day power early, with mention of “south central South Dakota” in weathert forecast. This station is almost a better bet for those needing Nebraska than KXSP-590 or KFAB-1110! (RD-IA)
- 970 WGTK KY Louisville – 10/6 2205 – Good, with “970 AM, The Answer” ID heard during Kentuckiana weather forecast. (RD-IA)
- 970 WZAM MI Ishpeming – 10/6 0728 – Poor – “. . . at the UP’s . . . weekdays at 4 . . . ESPN U-P” & lost. (JJR-WI)
- 970 KBUL MT Billings – 10/4 0817 – Montana news, Billings ads, political ads; “This is News Talk 95.5, where Montana talks,” then back to talk show. Fair, over/under QRM. (JW-CO)
- 980 KSGM IL Chester – 10/14 0729 – Very poor, but, nice & clear “KSGM.” With OLD C&W, then lost. Only 2nd time heard. (JJR-WI)
- 980 CFPL ON London – 10/7 2240 – Weak-to-fair, with ad for ‘Herm’s Sports Exchange’ in London, then “. . . Global News . . . CFPL” heard in brief liner, before going back to talk program. Confirmed via webstream. (RD-IA)
- 1030 KFAY AR Farmington – 10/17 0732 – Poor, with “NewsTalk 1030 KFAY” with Bohannon promo. No WBZ. Others in, though weak. (JJR-WI)
- 1050 CHUM ON Toronto – 10/4 2217 – Very good, with “TSN 1050” ID heard at the end of sports update. (RD-IA)
- 1080 WOKT KY Cannonsburg – 10/8 2046 – Good and alone on the channel, with ID: “Your Music, Your Life, Walk-FM,” then into Contemporary Christian song “Never Been A Moment” by Micah Tyler. (RD-IA)
- 1100 KFNX AZ Cave Creek – 10/6 0930 – Desert weather, ads, program notes; several call letter ID’s. Fair, with no KNZZ until later. (JW-CO)
- 1100 KAFY CA Bakersfield – 10/6 0850 – Religious program in progress from *Manantial de Vida Eterna*; four-station LID at ToH (KAFY-1100, KQEQ-1210, and 2 FM’s); a program of Mexican music followed hosted by a chatty male announcer; I think the name of the program was “Amanecer Campirano.” Fair peaks with no sign of KNZZ. (JW-CO)
- 1100 WZFG MN Dilworth – 10/10 0818 – Typical wake-up fare – news, weather, ads, Fargo traffic; couple of call letter IDs. Fair at best. (JW-CO)
- 1130 WAMB IN Brazil – 10/17 0724 – Very poor. Way, way under WISN. Calls. Thought I had this! Not. NEW! (JJR-WI)
- 1140 KNAB CO Burlington – 10/9 0759 – Good, with ID as “Always the best of the new and old . . . KNAB, Burlington, Colorado, The People’s Choice.” (RD-IA)
- 1140 WVHF MI Kentwood – 10/15 0746 – Good, with “Morning Glory” program via EWTN Radio. Only two affiliates on 1140 are currently shown on EWTN’s website, and the stream from the other, KGEM in Idaho, was not matching up with what I was hearing. WVHF’s stream DID match up, so it was logged as such. This was before LSR in Kentwood, so there’s a possibility that WVHF is signing on at Richmond’s sunrise time nowadays. MI #16. (RD-IA)



- 1160 KCTO MO Cleveland – 10/8 2030 – Fair-to-good, with SS music and talk by deep-voiced male. Confirmed via the KiwiSDR from Overland Park, Kansas, on which KCTO was obviously much stronger. (RD-IA)
- 1200 CFGO ON Ottawa – 10/15 2125 – Weak-to-fair under WOAI, coming out of ad break with liner: “You’re listening to Sens hockey . . .”. Confirmed via webstream on streema.com, which was running about a minute behind. (RD-IA)
- 1240 KLIK MO Jefferson City – 10/12 2126 – Briefly atop, with Jefferson City Jays High School football. (RD-IA)
- 1270 KTFI ID Twin Falls – 10/16 0859 – LID by a guy from the Diocese of Boise: “. . . you’re listening to *Salt and Light Radio*, listener-supported Catholic radio for the Magic Valley”; “Catholic Connections” program followed. Fair and alone on the frequency for a couple of minutes. Operating slightly off frequency at 1269.97. (JW-CO)
- 1270 KGNM MO St. Joseph – 10/5 0751 – Good, with ad for surplus store called ‘The Duffel Bag’, then announcer: “. . . 57 this morning in St. Joe, Chris Meikel for KGNM . . .”. Heard just minutes after logging WMKT, so I was getting it from both directions this particular morning on 1270. (RD-IA)
- 1270 WLIK TN Newport – 10/5 2240 – Good, with high school football scoreboard show, ad for a hardware store in downtown Newport, then into Eric Clapton’s “Lay Down Sally.” Confirmed via webstream. (RD-IA)
- 1270 WQKR TN Portland – 10/4 2230 – Fair, with ad for Volunteer Recycling Salvage in Portland, heard a phone number of 615-325-2176, which matches what I found online for them. Local WKBF-1270 in Rock Island, Illinois, silent since late September, still is as of October 17th -- you can bet I’m cleaning up! (RD-IA)
- 1300 WLXG KY Lexington – 10/17 0711 – Poor, with others nulled. No WOOD noted, though. ESPN. Assumed. (JJR-WI)
- 1300 KVET TX Austin – 10/13 0812 – ID as “Austin’s Sports Talk Leader AM 1300, The Zone,” followed by program notes and ads. Back to local sports talk at 0816. Fair, mixing with others. (JW-CO)
- 1310 WTLC IN Indianapolis – 10/17 0824 – Poor, with several , then “AM 1310 – The Light.” With WIBA in, though weak. (JJR-WI)
- 1310 KOKX IA Keokuk – 10/17 0758 – Poor, with “KOKX weather” from Weatherology and time in power-up. Alone. (JJR-WI)
- 1310 KZRG MO Joplin – 10/14 0742 – Poor, with “. . . on NewsTalk KZRG” over & over & over in station promos. Alone. (JJR-WI)
- 1320 KOFA AZ Yuma – 10/5 0831 – Blocks of two or three songs, with brief announcements after each set; ad for 4th annual “Yumacon”; ID and Yuma weather at ToH. Fair peaks, with fading. (JW-CO)
- 1320 KOLT NE Scottsbluff – 10/10 2059-2100 – Good, with appeal to coaches or others with sports experience to volunteer as refs, then into legal ID. Quickly faded under lots of unIDs. They run 1 kW at night with a pattern that protects Lawrence KS, so they do not send much in our direction. Pretty rare. (JEL-MO)
- 1350 WIOU IN Kokomo – 10/12 2259 – Good, on day power, with the St. Vincent’s Sports Performance High School Football scoreboard show, a local ad, then liner: “This presentation of the WIOU . . .”. (RD-IA)
- 1370 KGEN CA Tulare – 10/12 0900 – Mexican tunes to LID at 0900:30 for “1370 AM and 94.5 FM.” Heard several times this week, always using “La Ley” slogan with no sign of the purported “Gordita La Grande.” Fair at best, mixing with other SS stations from California and Mexico. (JW-CO) [The latest slogan I have for KGEN is “La Ley 94.5 FM and 1370 AM” – Ed.]
- 1390 KCLN IA Clinton – 10/14 0648 – Poor, with “1390 KCLN weather . . . Weatherology” and “1390 KCLN.” OLDies. Alone! (JJR-WI)
- 1400 KLIN NE Lincoln – 10/15 2026 – Briefly atop, with mention of “grahamtirelincoln.com” in ad for -- what else? -- Graham Tire, then into sportstalk pgm “Husker Sports Nightly” // KXSP-590. Second Nebraska graveyarder in the Davenport logbook: KOMJ-1490 logged last December, was the first. (RD-IA)
- 1410 WIZM WI La Crosse – 10/16 0700 – Guy with legal ID: “WIZM La Crosse – News Talk 1410 AM and 92-3 FM – Whizzem News Talk.” CBS News ensued. Fair, in QRM. (JW-CO)
- 1450 KIRX MO Kirksville – 10/7 0840 – Briefly atop, with ID of “. . . 1450 AM and 99.7 FM, KIRX . . .”. (RD-IA)



- 1450 KOKO MO Warrensburg – 10/10 2021 – Atop, with Sam Cooke’s “Havin’ A Party” off satellite, then ID: “Good Time Oldies 1450 KOKO, Ko-Ko.” 400th domestic logging, and entry #414 overall in the Davenport logbook. **(RD-IA)**
- 1450 WMOH OH Hamilton – 10/9 2123 – Weak-to-fair, with Columbus Blue Jackets hockey. Confirmed via webstream. Only 1450 shown on the 2018-19 Blue Jackets affiliate list. 352 miles; 1st Ohio graveyarder, and easily my best entry in the Davenport logbook so far in this young MW DX season. **(RD-IA)**
- 1470 KYYW TX Abilene – 10/4 0105 – Atop, with ad for ‘McGavock Nissan’ of Abilene, then “KYYW” ID and into Coast-To-Coast AM. **(RD-IA)**
- 1480 WJBM IL Jerseyville – 10/9 2038 – Briefly atop, with ID: “. . . Real Country, 104.7 FM and 1480 AM, WJBM,” then into Gretchen Wilson’s “Redneck Woman.” **(RD-IA)**
- 1480 WRSW IN Warsaw – 10/9 2047 – Weak-to-fair, with ad for ‘Paragon Medical’ in Pierceton. Heard during an attempt to nab WHBC, which remains unlogged here. **(RD-IA)**
- 1490 KTOP KS Topeka – 10/12 2219 – Fair, with ad for ‘Genesis Health Clubs’ in Topeka, then ment of “Kansas” in the following ad. KS #10 and 1st Kansas graveyarder in the Davenport logbook. **(RD-IA)**
- 1550 WIGN TN Bristol – 10/15 2059 – Over/under KESJ for about five minutes, with southern bluegrass/GOS music, finally rising at legal ID time (great timing!) with “AM 1550 . . . WIGN, Bristol . . .” ID. TN #15. **(RD-IA)**
- 1570 WFRL IL Freeport – 10/09 0720 – Faded up with country music. Then different IDs that threw me off who it was. Heard IDs as “K92 Kickin Country,” “K92 FM” and “1570 Big Radio.” These are different than the NRC AM Log. **(SMA-MB)** [Editor’s note: ‘Big Radio’ comprises AM and FM stations in Monroe (WI) and Freeport and South Beloit (IL) + a few translators.]
- 1570 WSCO WI Appleton – 10/6 2030 – Fair, with only “. . . 99-1, The Score” heard at the end of promo. Took a lot of sleuthing online, including www.topazdesigns.com/ambc, but finally narrowed it down to this. **(RD-IA)**
- 1570 WSCO WI Appleton – 10/16 2110 – Faded up in a mess of stations with sports talk, then full ID for “The Score 1570 AM and 95.3 and 99.1 FM.” Surprised to hear this one at night when they are supposed to be 331 Watts. **(SMA-MB)** [The ‘key’ word here is *supposed*, hi – Ed.]
- 1630 KKGM TX Fort Worth – 10/12 2059 – Weak, under KCJJ, with clear “AM 1630 KKGM” ID. KCJJ was airing a high school football game between Iowa City West High and Muscatine at the time. **(RD-IA)**
- 1630 KRND WY Fox Farm – 10/8 2145 – Weak, but readable under KCJJ, with clear “La Jota Mexicana!” slogan heard in liner between SS songs. KCJJ was breaking into normal AdCon/Top 40 music programming at the time with severe storm warnings in eastern Iowa, which helped. WY #1 in the Davenport logbook. **(RD-IA)**

UNID

- 560 UNID ?? UNID – 10/6 0745 – Very poor, w/GOS, REL-type hymns in tight WIND null. Lost in minutes, of course, hi. **(JJR-WI)**
- 680 UNID ?? UNID – 10/14 2232 – Someone here with the Kansas City Chiefs vs. New England Patriots NFL game. But it was the Westwood One feed (with Omaha native Kevin Kugler on the play-by-play), and NOT the feed from the Chiefs network, so that rules out KFEQ. A check of KNBR’s webstream revealed that they were carrying the ALCS baseball game between Boston’s Red Sox and Houston’s Astros, so that scratches KNBR as a possibility, too. Several ESPN stations are listed on 680, but I can’t imagine any of them carrying a game from Westwood One, which has been managed in the past by CBS Radio. **(RD-IA)**
- 890 ?? ?? UNID – 10/6 0736 – Poor, w/SS, giving WLS a fit! Not in earlier. **(JJR-WI)** [Just a guess . . . may be KVOZ-TX. I often hear them in the early morning hours (prior to their *licensed* LSR power-up time) – Ed.]

Unreported Domestic Stations

No stations were reported to DDXD this issue for the first time since at least Volume 67 (1999-2000). The total number of currently licensed stations in the United States and Canada that haven’t been reported to DDXD in that timeframe therefore holds at 371. The full list was last printed in issue 85-19. Can you log and report one next issue?

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 SEP 29 0500 – Marching band anthem with chorus, *Jil FM* ID's, 2+2+1 pips, fanfare music; good.{A} [Connelly-MA] OCT 8 0458 – Fair; choral marching band national anthem parallel 549 kHz. [Conti-NH]
- 531 **SPAIN** *RNE5* synchros OCT 12 2325 – Over/under *Jil FM*; talk parallel 684 and 855 kHz. [Conti-NH]
- 549 **ALGERIA** *Jil FM*, Sidi Hamadouche OCT 8 0600 – Good; “Just a Dream” by Nelly, ID and time marker to news. [Conti-NH]
- 585 **SPAIN** *RNE1* Madrid OCT 19 0500 – Fair; “España las siete en las mañanas de Radio Nacional, Iñigo Alfonso.” [Conti-NH]
- 603 **ROMANIA** *R.România Actualitati*, Botosani//Oradea OCT 7 0159 – Poor; choral national anthem, parallel 1152 kHz. [Conti-NH]
- 603 **SPAIN** *RNE5* Palencia//Sevilla SEP 29 2300 – RNE news intro; poor, some slop from WFST. [Connelly-MA]
- 684 **SPAIN** *RNE1* Sevilla SEP 29 0300 – Mexican ranchera vocal, 5+1 pips, RNE news intro; to good peak over WRKO slop. [Connelly-MA]
- 693 **UNITED KINGDOM** *BBC Radio 5*, Droitwich et al. SEP 29 0300 – Five Live news; hollow/synchro-echoey, Spain under. [Connelly-MA]
- 747 **CANARY ISLANDS//SPAIN** *RNE5* Las Palmas//Cádiz SEP 29 0300 – Pips, RNE intro parallel 684; poor. [Connelly-MA]
- 774.25 **EGYPT** *ERTU* Abis SEP 29 0300 – Bits of Arabic vocal; poor on USB to dodge 774 Spain. [Connelly-MA]
- 783 **SYRIA** *Syrian Radio/R.Damascus*, Tartus OCT 1 2300 – Woman and man in Arabic; fair.{A} [Connelly-MA] OCT 5 2335 – Presumed this with Middle Eastern music. [DeLorenzo-MA] OCT 12 0300 – Fair; melancholic Mideast vocal with orchestra through the hour. OCT 19 0100 – Fair to good; Mid East orchestrated vocal, announcements by man and woman to what sounded like a radio drama. [Conti-NH]
- 855 **SPAIN** *RNE1* Murcia et al. OCT 5 2233 – Fair with news by woman in Spanish. [DeLorenzo-MA]
- 864 **EGYPT** *ERTU* Santah SEP 28 2300 – Reverberated talk then chant; to good peak.{A} [Connelly-MA]
- 882 **UNITED KINGDOM** *BBC R.Wales*, Washford et al. OCT 5 2238-2250 – Good in peaks with standard ballads and one pop tune “Wake Up Little Susie” by The Everly Brothers. A second TA sneaking in at 2250; sounds like Spain. [DeLorenzo-MA] OCT 7 0100 – Good; promo ending “...BBC World Service, the world’s radio station,” and time marker to news. [Conti-NH]
- 909 **UNITED KINGDOM** *BBC Radio 5* synchros OCT 5 2259-2301 – Fair with ID into news item on the U.S. Supreme Court nomination of Brett Kavanaugh. [DeLorenzo-MA]
- 1017 **SPAIN** *RNE5* Burgos//Granada OCT 12 2350 – Fair; talk parallel 855 kHz. [Conti-NH]
- 1044 **SPAIN** *SER* San Sebastián//Valladolid SEP 29 0301 – Spanish news by two men; fair. [Connelly-MA]
- 1053 **LIBYA** *R.Libya*, Tripoli SEP 29 0300 – Anthem, fanfare music, man in Arabic; in WEPN slop. [Connelly-MA]
- 1053 **ROMANIA** *R.Iasi*, Iasi OCT 8 0401 – Poor to fair; woman in Romanian. [Conti-NH]
- 1089 **UNITED KINGDOM** *TalkSport* synchros SEP 29 0301 – Sports teletalk; fair. [Connelly-MA] OCT 5 2308 – Fair with teletalk. [DeLorenzo-MA] OCT 12 2258 – Good; promo for Matchday Live every Saturday afternoon on *TalkSport*. OCT 19 0258 – Fair; talk about NFL with mention of Patriots and Titans. [Conti-NH]
- 1107 **SPAIN** *RNE5* synchros SEP 29 0300 – Ranchera style vocal, 5+1 pips, fanfare, ID “Radio Nacional de España, servicios informativos”; loud.{A} [Connelly-MA]
- 1152 **ROMANIA** *R.România Actualitati*, Cluj OCT 7 0400 – Good; ad to ID, “Aici Bucuresti, Radio România Actualitati, hora exacta.” [Conti-NH]



BBC
radio
wales

- 1188 **HUNGARY** *MR4 Marcali//Szolnok* OCT 19 0600 – Signature 10-second test tone up to the hour. Hungary sign-on per summer schedule, listed 0700 UTC winter time. [Conti-NH]
- 1179 **CANARY ISLANDS//SPAIN** *SER* synchros SEP 29 0300 – Spanish news parallel 1044; Cuba and WHAM slop. [Connelly-MA]
- 1179 **ROMANIA** *R.România Actualitati*, Galbeni-Bacau et al. OCT 8 0400 – Fair; hora exacta ID and news parallel 1152 kHz. OCT 19 0159 – Fair over *SER* and 1180 WHAM interference; choral national anthem. [Conti-NH]
- 1215 **UNITED KINGDOM** *Absolute Radio* synchros OCT 5 2317-2327 – Fair with rock music including “Every Little Thing She Does Is Magic” by The Police at 2326 UTC. [DeLorenzo-MA]
- 1278 **IRAN** *IRIB R.Kermanshah*, Kermanshah/Bakhtaran OCT 1 2300 – Mideast male vocal, percussion; in slop. [Connelly-MA]
- 1332 **ROMANIA** *R.România Actualitati*, Galati OCT 19 0159 – Poor; choral national anthem parallel 1179 kHz. [Conti-NH]
- 1386 **LITHUANIA** *R.Liberty*, Viesintos OCT 6 0300 – Fair; interval signal. Signal still present up to 0500 sign-off. [Conti-NH]
- 1422 **ALGERIA** *R.Algérienne*, Algiers SEP 29 0259 – Group Arabic vocal, drumming; fair. [Connelly-MA]
- 1575 **ITALY** *Rai Radiouno*, Genova OCT 19 0358 – Pre sign-on clock tones through wideband music audio splattering from 1570 CJLV. [Conti-NH]

Transatlantic carrier search: OCT 9 0117-0124 – 531, 549, 585, 612, *621, 693, 711, 738, 747, 774(2), 837(2), 846, *855, 882, 936, 999, 1026, 1044(2), 1098, 1107, 1125, 1179(2), 1206, 1215 kHz, and nothing further to top of band. *Stronger ones; (2) at least two carriers beating. OCT 15 0500 – 531, 549, 558, 612, 621, 639, 684, 693, 711, 729, 747, 774, 837, 855, 882, 909, 936, 999(2), 1044, 1053, 1062, 1098, 1125(2), 1152, 1179, 1215, 1305 kHz, and none higher and/or when I dozed off? [Hauser-OK]

PAN-AMERICAN DX

- 550 **HONDURAS** *ABC Radio*, Tegucigalpa OCT 12 1107 – Newscast with ID, frequent ascending three-note chimes. *R.Rebelde* co-channel. [Krueger-FL]
- 570 **COLOMBIA** *HJND R.Nacional*, Bogotá (El Rosal) SEP 29 0300 – Woman with Radio Nacional de Colombia ID; over WMCA and CFCB.{A} [Connelly-MA]
- 630 **MEXICO** *XEFB* Monterrey, NL OCT 7 1059 – Instrumental anthem, male at 1100, “XEFB... Desde Monterrey... frecuencia modulada... Radiocentro...” into soft Spanish ballads. [Krueger-FL]
- 650 **COLOMBIA** *HJKH, RCN Antena Dos*, Bogotá SEP 29 0500 – *Antena Dos* ID’s; over CKGA. [Connelly-MA]
- 650 **MEXICO** *XETNT* Los Mochis, Sin. OCT 12 1200 – Opening ‘Noticiero Altavoz’ (loudspeaker newscast) with 6 a.m. time check, dominant signal here, and also audible parallel amid interference on 610, XEGS Guasave, both still on AM though Radio 65’s FM has moved to 100.5, ex-106.5, top of band being cleared for community/non-commercial use. [Hauser-OK]
- 670 **CUBA** *R.Rebelde*, multiple sites OCT 19 0902 – Spanish announcers mention *revolución*, *Habana Cuba* and *Cuba*. [Capobianco-NY]
- 690 **COLOMBIA** *HJCZ, W Radio*, Bogotá SEP 29 0500 – Disco parallel 700 HJCX; mixed with CKGM. [Connelly-MA]
- 700 **COLOMBIA** *HJCX, W Radio*, Cali SEP 29 0500 – Disco parallel stronger 690 HJCZ. [Connelly-MA]
- 710 **MEXICO** *XEMP Radio 710*, México, DF OCT 11 1123 – Mexi-tunes, male slogan 1128 UTC. [Krueger-FL]
- 780 **MEXICO** *XESFT La Poderosa*, San Fernando, Tamps. OCT 12 1058 – Mexi-tune, male calls and slogan, into truncated choral anthem, then another ID with lots of reverb slogan. [Krueger-FL]
- 800 **MEXICO** *XEROK* Cd. Juárez, Chih. OCT 12 1207 – Doing well, must be running more power than usual, vs easily nulled KQCV. Ad string including help-wanted for some engineer familiar with AM radio. (For XEROK itself? Apply at a street address on *Insurgentes*, which checks for XEROK.) “800, bajo el cielo de Ciudad Juárez”; local news headlines, on ‘Calibre 800’ (short for canal libre = clear channel) which seems to be the newscast name, on *Radio Cañón*. 1210 finally starts the news with 6:09 time check; 1211 mix a bit of English, “Good morning, El Paso,” and “Sí, hay clases, no hay día festivo,” no holiday for students even though this is the Day of the Race. At this time you would not know the main format has converted to religion. [Hauser-OK]



- 870 **MEXICO** XETAR *La Voz de la Sierra Tarahumara*, Guachochi, Chih. OCT 12 1215 – Going from Spanish to native language, leisurely opening announcements including phone numbers for CDI and other government agencies, mixed with bits of rustic music. Good dominant signal, hardly any WWL to be heard even if nulled. [Hauser-OK]
- 980 **CUBA** COCO La Habana-El Sapo OCT 9 0903 – Truncated anthem to 0904. Spastic they seem on when to play it. Previous logs show MAR 4 at 1159 and OCT 18 (2015) at 0957 UTC. [Krueger-FL]
- 1000 **COLOMBIA** HJAQ, RCN, Cartagena SEP 29 0301 – RCN La Radio ID's; dominant. [Connelly-MA]
- 1270 **MEXICO** XEGL Navojoa, Son. OCT 10 1239 – Man with "...aquí en GL La Verdad Radio," with a mention of internet; soon faded, so not sure what followed. Rare here, seldom heard. [Wilkins-CO]
- 1420 **MEXICO** XEXX Tijuana, BC OCT 14 1301 – National anthem; 1303 ID only as "Grupo Radiorama Baja California en Tijuana;" a five-minute chat followed, with a man and woman; "Oaxaca" was mentioned often; PSA's ensued. Fair at best. [Wilkins-CO]
- 1559 **BAHAMAS** ZNS1 Nassau OCT 19 1000 – Spur from 1540 producing a het against 1560 WFME and WGLB. Spur on 1521 kHz also observed during quiet moments of 1520 WWKB. [Conti-NH]

TRANS-PACIFIC DX

- 702 unID OCT 19 1000 – Weak het against 700 WLW. Japan? [Conti-NH]
- 747 unID OCT 19 1000 – Weak het against 740 CFZM. Weak signal on 774 also observed. Both are likely Japan. [Conti-NH]
- 1143 unID OCT 19 1000 – Weak het against 1140 CBI, WRVA, and *R.Musical Nacional*. Measured 1143.000 kHz so possibly JOBR Japan or *R.Free Korea*. [Conti-NH]
- 1449 unID OCT 19 0809-0810 – Melodious female vocalist with piano accompaniment then another similar female vocalist song. [Capobianco-NY]
- 1566 unID OCT 19 1000 – Weak signal observed, likely HLAZ South Korea. Signals on 702, 747, 774, 1143, and 1566 not observed an hour earlier. Need to check an hour later for dawn enhancement as receiver sunrise is now 1104 UTC. [Conti-NH]

Transpacific carrier search: OCT 10 1224 – Just before LSR of 1234; 594, 612, 657, 675, 693, 702, 738, 765, 774, 828(2), 837, 864 kHz. Now it's 1230; 882, 1008(2), 1017, 1035, 1098, 1296, 1314, 1494, 1503, 1512, 1548, 1566 kHz. Almost all from Down Under except the Japanese big guns. OCT 12 1222 – 657, 702, 747, 774, 882, 1017 kHz; unchecked further up but not much expected. At 1228 recheck, still in are Japan 747, 774 and 828 from northwest. OCT 18 1227-1242 – 774(2), 576, 585, 594, 612, 657, 693, 702(2), 738, 747, 756, 774(2), 828, 837, 864, 882(2), 936(2), 945, 1026, 1044, 1052, 1098, 1134, 1242(2), 1287, 1314, 1485, 1494, 1503, 1521, 1548, 1566 kHz. [Hauser-OK]

CONTRIBUTORS

Anthony Capobianco, Sea Cliff NY; Elecraft K3S with Kiwa Loop.

Mark Connelly WA1ION, South Yarmouth MA; Microtelecom Perseus, 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.

Bruce Conti WPC1CAT, Nashua NH; WiNRADiO Excalibur, Intona USB 2.0 Hi-Speed Isolator, MWDX-5, variable termination Super/Ewe antennas 15 x 23-m at 60° northeast and 180° south.

Marc DeLorenzo, South Dennis MA; JRC NRD-525, 41 x 90-ft east/west and 41 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 IC-R75 with ~100-ft east/west longwire.

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

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

INTERNATIONAL NEWS

UKRAINE: Status update -- 549 kHz 0300-2100 (often with half of nominal power). 837, 1278, and 1431 kHz are off. 972 off for many years. 873 kHz is low power (relatively new Chasiv Yar, close to Donetsk), 50 kW nominal, but eventually 25 or even less, it's just poor or barely audible here 400 km away, 24 hours UR1 all the time (at night it's repetitions of previously aired content, should be parallel their webstream). [Vlad Titarev, Ukraine via Walt Salmaniw]



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 108.

I am thinking of including a cartoon each issue and welcome any that you may have that we can use here. Send them to me and I will of course give you credit for your contribution.



Does Anybody Know What Time It Is?

Below is an article from VOA about the possible shutdown of WWV and its sister stations WWVB and WWVH. Add this to the list of things the current administration in Washington DC fails to understand.

<https://learningenglish.voanews.com/a/us-timekeeping-stations-might-go-silent/4558591.html>

This could make my 24 hour clock from MFJ become useless for being accurate as it will not be reset automatically from WWVB daily.

Bits and Bites from the NRC listserv:

From: Gary DeBock, Puyallup WA

Re: Supercharging the XHDATA D-808 Portable and Longwave Loopstick

For those who are looking for a hot performing SSB-equipped travel portable, a "Heathkit-like" full construction article has been prepared for a 7.5" MW loopstick XHDATA D-808 model-- a "Supercharged" version of the highly popular new portable from China.

The 7.5" loopstick D-808 version was a thrilling performer all by itself at the Rockwork ocean cliff near Manzanita, Oregon last month, receiving not only this fine signal from 1017-A3Z in Nuku'alofa, Tonga, but the 5 kW Australian horse racing station 2KY in Sydney as a weak co-channel in the middle of the recording:

<https://dreamcrafts.box.com/s/tp3i89vky6p7hbylgkk1bp4pa5nvnuku>

The 14-page full construction article for the Medium Wave version is now complete, and is posted at [http://www.mediafire.com/file/vi10rpi974jzlm7/Supercharging the XHDATA D -808-FinalMW.doc/file](http://www.mediafire.com/file/vi10rpi974jzlm7/Supercharging_the_XHDATA_D_-808-FinalMW.doc/file)

The 7.5" Longwave loopstick version of the full construction article is also almost completed, and should be wrapped up within a couple of days. For all of those looking for an exciting new challenge this DX'ing season, this model should exceed your expectations!

Back in 2011 a newly minted NDB-DX'er had the chance to design what no commercial manufacturer would ever dream of building-- a portable with a Longwave-optimized loopstick. Even if a radio has Longwave band coverage, all commercial portables have Medium Wave optimized loopsticks-- typically resulting in clunker Longwave reception. In an all-out effort (described at <http://www.mediafire.com/file/38gon1pdmomrsgs/7.5inLWLS-1.doc/file>) five different Longwave test loopsticks were constructed and tested at various frequencies, until the overall "winner" was chosen. The new Longwave-optimized loopstick was a game changer when installed in Ultralight radios, providing reception of Longwave TA's in Oklahoma, South American NDB's in Canada and Hawaiian NDB's on our west coast.

The new XHDATA D-808 model does have Longwave coverage, but you had better be right next door to an airport if you want to receive any NDB's with the stock model. The 7.5" Longwave loopstick described above transforms the model completely-- making it a serious LW-DX'ing contender, not a pretender. With SSB capability and great portability, it can provide sensitive reception of NDB's both day and night, as well as a lot of travel DX'ing fun. DX'ers well inland will have reasonable chances for Longwave TA's in season, and the model includes excellent FM, SW and AIR band reception as well. The full 16-page article for "Supercharging" the model with this 7.5" Longwave loopstick is posted at:

[http://www.mediafire.com/file/t2989hg61vbkb5h/Supercharging the XHDATA D -808-FinalMWLW.doc/file](http://www.mediafire.com/file/t2989hg61vbkb5h/Supercharging_the_XHDATA_D_-808-FinalMWLW.doc/file)

The file includes full information for the construction and operation of both the Longwave and Medium Wave loopstick versions. Good luck to all who take the plunge!

"Supercharged" Longwave D-808 model photo is posted at:

<https://dreamcrafts.box.com/s/9g0g5lq1vaqs1jt2ls4u6ik7wv7x6fg7>

73 and Good DX.

From: Rick Shaftan

Re: Supercharging the XHDATA D-808 Portable
Who wants to build these and sell them?

From: Gary DeBock, Puyallup WA

Re: Try Something New This DX Season

If you are looking for some new DX'ing excitement this season, why not try out one of the DIY antenna projects described in the links below? A great variety of projects are listed, all of which have proven to be popular and effective in the Ultralight Radio DX'ing community over the past ten years (with the exception of the new XHDATA D-808 "Supercharging" article, which was just written). Whether you would like to "homebrew" a low cost PVC air core loop, transform a modest portable into a dream travel DX'ing radio or become a "Frequent Flyer" DX'er with a miniature FSL antenna that performs like gangbusters on exotic ocean beaches, an exciting DX'ing future is yours when you accept the challenge. So go ahead and take the plunge!

1) Supercharging the Sony ICF-2010 (May 2008)

Using the loopstick transplant principles developed through extensive Ultralight radio experimentation, this article details how to replace the ICF-2010's stock 6.5" loopstick with a 19.5" composite transplant, thereby dramatically boosting MW band sensitivity (while providing a significant boost to Longwave reception as well).

<http://www.mediafire.com/file/3msq1yx6hn7tm5g/SuperchargingtheICF2010LargeComplete.pdf>

2) E100 Slider Loopstick (September 2008)

Co-authored with John Bryant, this article explains how to replace the E100 stock loopstick with a far more effective 7.5" Slider loopstick. Many of these highly sensitive models are still in DX'ing service today.

http://www.mediafire.com/view/nqggfm2jymc/YOU_CAN_DO_THIS_Building_the_Slider_E100.pdf

3) PVC Loops-- The Low Cost Ticket to High DX Gain (August 2009)

Tired of expensive commercial antennas or pricey ferrite sleeve loops? This article will teach you how to build a dirt-cheap PVC air core loop with side sizes from 18 inches up to 9 feet... all of them (MW models) costing well under \$100. The 9' monster size loop was used here to receive 7 Medium Wave TA's in 2009-2010.

<http://www.mediafire.com/file/0bpbmda7lnhdy6p/PVCLoop-LCTtoHDXG-Article.doc/file>

4) PL-360 Plug-in 7.5" Loopsticks (June 2010)

Do you have a PL-360 model (with its plug-in antenna jack for AM and LW loopsticks)? This article will teach you how to replace the deaf midget loopstick with extremely effective 7.5" Medium Wave and Longwave plug-in replacements-- with no modification required to the radio at all. 25 of the MW and 5 of the LW plug-in loopsticks were made here and sent out to PL-360 owners-- many of which are still in use.

<http://www.mediafire.com/view/2cqwsqj0bvajf6k/7.5%20inch-LS.doc>

5) 7.5" Longwave Loopsticks (June 2011)

Detailed technical article describing the challenge and success in developing 7.5" Longwave-optimized loopsticks for the Tecsun DSP Ultralights. Includes basic instructions for building your own 7.5" Longwave loopstick PL-380 model.

<http://www.mediafire.com/view/845snah2h4ek9z9/7.5inLWLS.doc>

6) 7" FSL Antenna-- Detailed "Heathkit-like" Construction Article (October 2011)

Build your own 7" Ferrite Sleeve Loop antenna at a cost of under \$200. This detailed article has multiple Photoshop-enhanced instructional photos to guide you in creating a highly effective 7" FSL antenna.

<http://www.mediafire.com/view/dshnqlbydf6qu25/7%20Inch%20Diameter.doc>

7) 5" FSL Antenna-- Detailed "Heathkit-like" Construction Article (March 2012)

Build your own 5" Ferrite Sleeve Loop antenna at a cost of under \$150. This detailed article has multiple Photoshop-enhanced instructional photos to guide you in creating a highly effective 5" FSL antenna.

<http://www.mediafire.com/view/9ze98h293s85p86/5%20inch%20FSL.doc>

8) Supercharging the PL-380-- Detailed "Heathkit-like" Construction Article (October 2013)

Replace the midget stock loopstick in your Tecsun PL-380 with a far more effective 7.5" Medium Wave or Longwave loopstick transplant-- and enjoy a new level of DX'ing success. Multiple Photoshop-enhanced assembly photos to guide you in the process of creating your own highly sensitive DX'ing portable-- for under \$100 in assembly parts.

<http://www.mediafire.com/view/du3sr5cd9thqvau/7.5inch-LS-PL380.doc>

9) 3 inch FSL Tecsun PL-380-- Detailed "Heathkit-like" Construction article (January 2016)

Replace the midget stock loopstick in your Tecsun PL-380 with a compact, lightweight 3" FSL antenna-- externally mounted and optimized for high-level Medium Wave DX'ing excitement . Multiple Photoshop-enhanced assembly photos guide you in the assembly process.

http://www.mediafire.com/file/w0gcek56f6aq7kr/3_Inch_FSL_Tecsun_PL.doc

10) 3.5 inch (89mm) "Frequent Flyer" FSL Antenna-- Detailed "Heathkit-like" Construction article (July 2017)

Specifically designed to routinely pass through airport security checkpoints and provide high-gain inductive coupling boosts for MW-DX'ing portables, the "Frequent Flyer" FSL's have already been used in Asia, Africa, Europe, North America and Hawaii for some exceptional DX'ing fun. During a recent visit to the Cook Islands one of these models tracked down 657-AIR (India), 693-Bangladesh, 918-Cambodia, 1431-Mongolia and 1000-Radio Record (Brazil). The detailed article uses multiple Photoshop-enhanced assembly photos to guide you in the construction process- all for about \$150 in commonly available parts.

<http://www.mediafire.com/file/pnfm8909c77zjoy/3.5inch-FF-FSL.doc>

11) Supercharging the XHDATA D-808 AM-LW-FM-SW-AIR SSB Portable (September 2018)

Although the XHDATA D-808 is not an Ultralight Radio, it is a very sensitive AM-DX'ing portable that can be transformed into a dream AM or Longwave DX-chasing travel radio. It can also be used as an SSB "spotting receiver" on ocean beaches, to track the carrier strength of exotic DX stations for Ultralight Radio reception. "Supercharge" your D-808 with this detailed, illustrated article-- containing 20 pages of clear instructions to guide you in the process!

http://www.mediafire.com/file/t2989hg61vbkb5h/Supercharging_the_XHDATA_D_-808-FinalMWLW.doc/file

From: Mark Connelly, WA1ION

Re: Try Something New This DX Season

All good stuff but you need to go cardioid pattern on this side of the country. Having NYC exactly opposite TA's does not bode well for figure-eight pick-up at my QTH.

From: Gary DeBock, Pullayup WA

Re: Try Something New This DX Season

Yes Mark, I was a 19 year old Navy sailor trying to chase DX on a ship at the old Charlestown Naval Shipyard in South Boston in 1972, and I found that out pretty quickly. It was the worst DX'ing environment that I've ever experienced. Fortunately the FSL antennas and enhanced loopsticks work very well in most other places, especially in isolated areas - including those enhanced by salt water. Even in places like Oklahoma, they are tracking down multiple TP's and DU's at extreme long range.

From: Mark Connelly, WA1ION

Re: Brainstorming: Temporary Antenna Supports

Recently I have been experimenting with small form Flag, Kaz, SuperLoop, and DKAZ antennas.

My first throw at moveable support poles has been with sections of PVC pipe mounted in heavy duty patio umbrella bases.

Typically I will use a 6 to 7 ft. (~2m) piece that fits snugly in the umbrella stand and then a skinnier piece of similar height that is inserted a short way (less than a foot) into the bottom PVC section. 1/4-20 hardware with a wing nut connects the lower and upper PVC sections a few inches below the upper edge of the lower PVC piece.

This allows a 10 ft. / 3m side antenna height above the bottom wire height of 2 ft. / 0.6m (= top of antenna 12 ft. above ground). With the Flag design, the center insulator on each side (where a transformer or termination resistor would be installed) is about 7 ft. above ground.

By moving the umbrella stand pole assemblies about on the lawn, different null directions can be selected. Distance between the poles is typically set about 20 ft. / 6m for Flag and SuperLoop antenna types. Nylon mason's twine attached to a cinder block or brick is attached to each pole

just below the top to act as a guy rope opposing the pole bending caused by wire tension. That keeps each pole roughly vertical.

With the rather small loop dimensions of 10x20 ft. / 3x6m, a moderate amount of low-noise amplification is recommended at the shack end of the feed line. The DX Engineering RPA-1 or a W7IUV amp would be a good choice.

The present design is OK for use in my own yard but a bit clunky for road trips to beach DX'pedition sites since the hardware needs to be removed from the lower + upper PVC sections junction to allow loading into the car. Then the antenna has to be reassembled on site and knocked down again when departing. 7 ft. is about the greatest length I can accommodate with the trunk closed on my Subaru Forester.

Ideally I would like to use poles that can be scoped down to about 6-7 ft. and extended well above 14 ft. I have read a number of articles recommending telescoping fiberglass poles of various types. I looked around Home Depot and found a few candidates but was unsure if they were completely non-metallic, an important consideration for various types of terminated loops. Also it seemed that anything that would extend much more than 12 ft. would not scope down to much less than 8 ft.: likely too long to fit in the car.

Many of you are using various painter's poles, lineman's poles, fishing rods, etc. to deploy loops (both terminated cardioid and conventional figure-of-eight types) at field sites.

Given the idea of non-metallic material and a maximum scoped-down length of 7 ft., what are everyone's ideas?

These things don't have to tolerate years of bad weather but they should not self-destruct during a few hours in high winds typical of seashore or mountaintop sites.

The suggestion box is open. Fire away!

73 for this time Shawn

Remember On A Clear Day You Can Hear Forever

Musings of the Members

Dave Schmidt, 49 N. Sumner Street, York PA 17404, NRCMusings@aol.com

John Callarman – 301 W. McCart St. – Krum TX 76249-5539

Yes, I'm still alive and I still have enough memory of my DX'ing days that I enjoy reading DX News. It's hard to believe I've been an NRC member since 1956.

KA9SPA hasn't been on the air for about 19 years now, but I expect I'll renew my license in 2020 just in case the bug returns. I still have a bunch of receivers and a transceiver.

Sad to say, AM radio programming has deteriorated as far as my ears are concerned ... music is ear-breaking, talk shows are political bloviation, and all-news stations are so filled with traffic and weather on the eights, or whichever, ambulance and petty crime chasing, giggling news hosts and commercials where the underlying music damages the message, the possibility of in-depth coverage of local government news has disappeared.

On some mornings, KRLD's IBOC hash actually can be heard in the background (and sometimes louder) on 1080.

On FM, LPFM and translators are blocking what had been reasonably open channels. I guess Qal R. Mann, the Krum-udgeon, really has become a curmudgeon.

Glenn Hauser – P.O. Box 1684 – Enid OK 73702 – wghauser@yahoo.com

Greetings. I would like to Muse about domestic things I have heard. All times and dates strictly UT. Rx: mostly DX-398 with internal antenna only or PL-880; NRD-545 with ALA-330S inside E-W or inside randomwire N-S; Nissan stock caradio as specified; or IC-R75 with E-W longwire. All my MW DX reports starting August 2011 are archived in this forum with open access: <http://forums.wtfd.org/showthread.php?6543-MW-DX-from-Enid-OK-by-Glenn-Hauser/page71> [over 313,000 views! as of October 5, 2018]

890, October 3 at 1821 UT, KTLR OKC is the first station I hear running the much-publicized nationwide EAS test (eclipsed by text version 2 minutes earlier I am not equipped to receive). It's an impossible task to evaluate the 1-minute EAS, without recording the entire local AM and/or FM bands for later study as if they were DX --- did anybody do this?

As zero-minute approached, I was set to scan up MW ASAP starting at 550. After KTLR, many others were heard, but nothing seemed to be synchronized. One station still playing music while others EASed, was 1130, KLEY Wellington KS, but moving on, I don't know whether they did run it

earlier, later, or never. At least they long ago solved the transmission breakup/noise pulsing which plagued KLEY most of the first half of this year.

Notably, 930, WKY OKC ran a Spanish version of the EAS announcement circa 1822 UT. At least I did not hear any horrible echoes or distortions as has happened previously, due to too-lengthy relay chains! Best of DX and 73 de Glenn.

Harrison Pierce Reed – 34 Third Avenue #2 – Gloversville NY 12078-2414

It becomes hard to believe that this writer has been an avid DXer since April of 1951 – 67½ years ago; where did the time go? (Life is short.)

Were you aware that WBVG-1050 kcs. in Baldwinsville, west of Syracuse, NY has gone dark? I discovered that on the first of September, when I went to listen. It was the only station left within my reach which was playing that music of the 1940s and early 1950s which warms within my memories. WBVG owes a small fortune to ASCAP and BMI; a hostile take-over of their WSEN-FM (92.1) cost AM-1050 both their WSEN call letters and their access to the Civil Defense Emergency Broadcast System. The FCC gave them until the final week of August to get the E.B.S. equipment and have it online to run tests, and they didn't have the money. Sadly, they're now gone, perhaps for good.

Also, 1540 kcs. WPTR in Albany, NY signed on the air in 1948. Owned by Patroon Broadcasting (hence the call letters; Albany has a waterway known as Patroon Creek), they broadcast (I believe) with 50,000 watts during the day, 5,000 at night. But the station had trouble covering its entire market at night, owing to extreme co-channel interference from KXEL. Eventually, as I understand it, they were granted a construction permit for 50,000 watts fulltime, same directional pattern day and night. (*FCC records say the original CP was issued in 1947 for U3 10000/10000, increased to U3 50000/50000 in 1949 – DY.*) In the late 1950s, WPTR became an aggressive Top-40 station for Albany, Schenectady, Troy, and surrounding areas ("Good Neighbor to the Great Northeast"), with flamboyant Boom-Boom Branigan its major promotional star and afternoon drive personality. In its heyday, "Fifteen-Forty, WPTR, High on Your Radio Dial" was listened to quite widely in Europe and other highly distant places. It was "local" in Boston during the day.

But things began to crumble in the 1970s, as AM Top 40 was on the wane, and WPTR became less and less relevant. They handed their format essentially over to "W-FLY-Stereo" (92.3 FM powerhouse in Troy) and tried country for a time. The ratings tanked. The ground system rotted. The towers rusted. The once mighty signal was anemic. Once again, KXEL beat them up at night in their own market. Eventually, the station was sold to an Evangelistic conglomerate, changed its call letters to WDCD, and went religious – then classical pop (read, pre-rock American Standards), then conservative talk as an also-ran carrying the lower tier of syndicated right-leaning hosts, then religious again, then dark. It was revived periodically to keep the license active, but not a viable radio station. Desperate to conserve operating costs, it applied for a power drop to 10,000 watts. But this was denied, so they pulled the plug. Now, with little notice, WDCD turned in its license to the FCC, effectively ending 1540 in Albany. What was the hottest thing in Capital District radio 60 years ago sank with a whimper. The late Boom-Boom Brannigan did not live to see this; it would have grieved him mightily.

Volume 86 DX News Schedule

No	D'dline	Print	12	Feb. 22	Mar. 4
4	Nov. 2	Nov. 12	13	Mar. 15	Mar. 25
5	Nov. 16	Nov. 26	14	Apr. 5	Apr. 15
6	Nov. 30	Dec. 10	15	Apr. 26	May 6
7	Dec. 14	Dec. 24	16	May 17	May 27
8	Dec. 28	Jan. 7	17	June 14	June 24
9	Jan. 11	Jan. 21	18	July 12	July 22
10	Jan. 25	Feb. 4	19	Aug. 9	Aug. 19
11	Feb. 8	Feb. 18	20	Sept. 6	Sept. 16



NRC Reprints and Books

We have many reprints available of articles from past issues of *DX News*. There is a full list of articles available and prices at <http://nationalradioclub.org/catalog/reprints/reprints.html>

And there are plenty of antenna and receiver books available as well, that collect some of our most important and useful past articles on these topics. Come check out what's available. For books, check out <http://nationalradioclub.org/catalog/books/books.html>.

GRAVEYARD DX ACHIEVEMENTS



Tim Hall, 1244 Crystal Springs Dr., Chula Vista CA 91915-2123

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Logged from January 1, 1960 to Present



1490 kHz

Station	City	DXer	DX Location	Miles
WANA AL	Anniston	Don Trelford (SK)	Runaway Bay, Jamaica	962
WANA AL	Anniston	Steve Francis	Alcoa, TN	176
WAJF AL	Decatur	Neil Wolfish	Toronto, ON	745
WAJF AL	Decatur	Steve Francis	Alcoa, TN	189
WHBB AL	Selma	Frank Merrill	Milan, MI	687
KBAS AZ	Bullhead City	John Wilkins	Wheat Ridge, CO	613
KCUZ AZ	Clifton	Phil Bytheway	Seattle, WA	1216
KYCA AZ	Prescott	Phil Bytheway	Seattle, WA	1037
KAIR AZ	Tucson	Phil Bytheway	Seattle, WA	1226
KXAR AR	Hope	Stephen Ponder	Bossier City, LA	80
KDRS AR	Paragould	Shawn Axelrod	Winnipeg, MB	1000
KOTN AR	Pine Bluff	Gary Siegel	Toledo, OH	689
KARV AR	Russellville	Steve Francis	Alcoa, TN	519
KWAC CA	Bakersfield	Richard E. Wood (SK)	Hilo, HI	2444
KWAC CA	Bakersfield	Nancy Johnson	Billings, MT	905
KMET CA	Banning	Tim Hall	The Sea Ranch, CA	493
KICO CA	Calexico	Richard E. Wood (SK)	Hilo, HI	2597
KGBA CA	Heber	Tim Hall	US 6/50 at NV/UT Border, UT	444
KRKC CA	King City	Frank Merrill	Nenana, AK	2266
KRKC CA	King City	Tim Hall	US 6/50 at NV/UT Border, UT	433
KTOB CA	Petaluma	Frank Merrill	Nenana, AK	2107
KTOB CA	Petaluma	Tim Hall	Fitz Hugh Sound, BC	972
KTOB CA	Petaluma	Tim Hall	West Glacier, MT	829
KBLF CA	Red Bluff	Nancy Johnson	Billings, MT	792
KBKO CA	Santa Barbara	Richard E. Wood (SK)	Hilo, HI	2390
KDB CA	Santa Barbara	Phil Bytheway	Seattle, WA	921
KOWL CA	South Lake Tahoe	Tim Hall	Chula Vista, CA	465
KLZN CA	Susanville	Tim Hall	West Glacier, MT	644
KSYC CA	Yreka	Tim Hall	Cambria, CA	432
KBOL CO	Boulder	Shawn Axelrod	Langley, BC	775
KCFC CO	Boulder	Tim Hall	US 6/50 at NV/UT Border, UT	473
KPKE CO	Gunnison	Tim Hall	Teasdale, UT	247
KEDI CO	Manitou Springs	Phil Bytheway	Seattle, WA	1062
KNAM CO	Silt	Tim Hall	US 6/50 at NV/UT Border, UT	346
WGCH CT	Greenwich	Neil Kazaross	Grafton, WI	748
WNLC CT	New London	Andy Rugg (SK)	Pointe Claire, QC	294
WTOR CT	Torrington	Andy Rugg (SK)	Pointe Claire, QC	253
WTRL FL	Bradenton	Frank Merrill	Milan, MI	1013
WXVQ FL	De Land	Karl Jeter	Stone Mountain, GA	375
WKEM FL	Immokalee	Ernie Cooper (SK)	Provincetown, MA	1253
WMBM FL	Miami Beach	UK DXPedition ££	Sheigra, Scotland	4186
WMBM FL	Miami Beach	Marc DeLorenzo	Hyannis, MA	1232
WECM FL	Milton	Kraig Krist	Manassas, Virginia	780
WEAG FL	Starke	Don Trelford (SK)	Runaway Bay, Jamaica	851
WEAG FL	Starke	Mike Hardester	Jacksonville, NC	432
WTTB FL	Vero Beach	Marc DeLorenzo	Hyannis, MA	1125
WSIR FL	Winter Haven	Barry McLarnon	Ottawa, ON	1244
WMOG GA	Brunswick	Don Trelford (SK)	Runaway Bay, Jamaica	919
WMOG GA	Brunswick	Russ Edmunds	Parsippany, NJ	778
WCHM GA	Clarkesville	Steve Francis	Alcoa, TN	82
WYYZ GA	Jasper	Steve Francis	Alcoa, TN	91
WRED GA	Monroe	Gary Siegel	Toledo, OH	534

WSFB	GA	Quitman	Russ Johnson	Lexington, NC	396
WSNT	GA	Sandersville	Ernie Cooper (SK)	Provincetown, MA	990
WSYL	GA	Sylvania	Steve Francis	Alcoa, TN	251
WRLD	GA	West Point	Don Trelford (SK)	Runaway Bay, JMC	1113
WRLD	GA	West Point	Russ Johnson	Lexington, NC	347
KCID	ID	Caldwell	Shawn Axelrod	Winnipeg, MB	1009
KCID	ID	Caldwell	Tim Hall	Chula Vista, CA	763
KKLB	ID	Chubbuck	John Wilkins	Wheat Ridge, CO	440
KOFE	ID	St. Maries	Phil Bytheway	Seattle, WA	271
WKRO	IL	Cairo	Russ Edmunds	Glen Rock, NJ	851
WDAN	IL	Danville	Niel Wolfish	Winnipeg, MB	806
WDAN	IL	Danville	Shawn Axelrod	Winnipeg, MB	806
WDAN	IL	Danville	Russ Edmunds	Parsippany, NJ	695
WESL	IL	East St. Louis	Barry McLarnon	Ottawa, ON	872
WESL	IL	East St. Louis	Gary Siegel	Toledo, OH	408
WOPA	IL	Oak Park	Wayne Heinen	Orchard Park, NY	466
WPNA	IL	Oak Park	Jeff Falconer	Clinton, ON	339
WZOE	IL	Princeton	Niel Wolfish	Willowdale, ON	541
WZOE	IL	Princeton	Steve Francis	Alcoa, TN	486
WKBV	IN	Richmond	Niel Wolfish	Winnipeg, MB	961
WKBV	IN	Richmond	Russ Edmunds	Blue Bell, PA	512
WDND	IN	South Bend	Barry McLarnon	Ottawa, ON	581
WNDU	IN	South Bend	Steve Francis	Alcoa, TN	427
KBUR	IA	Burlington	John Johnson	Sheridan, WY	847
WDBQ	IA	Dubuque	Wayne Heinen	Colorado Springs, CO	779
KXLQ	IA	Indianola	John Wilkins	Wheat Ridge, CO	615
KRIB	IA	Mason City	Niel Wolfish	Toronto, ON	692
KRIB	IA	Mason City	John Wilkins	Wheat Ridge, CO	657
WKYW	KS	Frankfort	Barry McLarnon	Ottawa, ON	680
KKAN	KS	Phillipsburg	Tim Hall	US 6/50 at NV/UT Border, UT	786
KTOP	KS	Topeka	Jeff Falconer	Clinton, ON	797
KTOP	KS	Topeka	Gary Siegel	Toledo, OH	663
WKYW	KY	Frankfort	Russ Edmunds	Blue Bell, PA	532
WKAY	KY	Glasgow	Frank Merrill	Milan, MI	352
WFXY	KY	Middlesboro	Jeff Falconer	Clinton, ON	498
WFXY	KY	Middlesboro	Gary Siegel	Toledo, OH	350
WOMI	KY	Owensboro	Niel Wolfish	Toronto, ON	573
WOMI	KY	Owensboro	Gary Siegel	Toledo, OH	330
WSIP	KY	Paintsville	Ernie Wesolowski	Omaha, NE	749
WSIP	KY	Paintsville	Jeff Falconer	Clinton, ON	407
WIKC	LA	Bogalusa	Charles Reh	Leamington, ON	867
WIKC	LA	Bogalusa	Steve Francis	Alcoa, TN	485
KJIN	LA	Houma	Steve Francis	Alcoa, TN	582
KRUS	LA	Ruston	Charles Reh	Leamington, ON	859
KRUS	LA	Ruston	Carl Dabelstein	Lincoln, NE	615
WBAE	ME	Portland	Kraig Krist	Manassas, VA	507
WTVL	ME	Waterville	Charles Reh	Leamington, ON	673
WTVL	ME	Waterville	Russ Edmunds	Blue Bell, PA	421
WARK	MD	Hagerstown	Andy Rugg (SK)	Montreal, QC	457
WARK	MD	Hagerstown	Steve Francis	Alcoa, TN	434
WMRC	MA	Milford	Russ Edmunds	Jonesport, ME	258
WACM	MA	West Springfield	Jeff Falconer	Clinton, ON	463
WACM	MA	West Springfield	Russ Edmunds	Blue Bell, PA	193
WABJ	MI	Adrian	Shawn Axelrod	Winnipeg, MB	829
WABJ	MI	Adrian	Russ Edmunds	Parsippany, NJ	502
WABJ	MI	Adrian	John Wilkins	West Des Moines, IA	502
WTIQ	MI	Manistique	Barry McLarnon	Ottawa, ON	508
WTIQ	MI	Manistique	Richard Lauhead	Vadnais Heights, MN	335
WMPX	MI	Midland	Shawn Axelrod	Winnipeg, MB	742
WMPX	MI	Midland	Niel Wolfish	Winnipeg, MB	742
WMPX	MI	Midland	Steve Francis	Alcoa, TN	541
WODJ	MI	Whitehall	Barry McLarnon	Ottawa, ON	538

WUBR	MI	Whitehall	Les Rayburn	Helena, AL	699
KXRA	MN	Alexandria	Ron Schiller	Monmouth Beach, NJ	1141
KQDS	MN	Duluth	Barry McLarnon	Ottawa, ON	789
KQDS	MN	Duluth	Gary Siegel	Toledo, OH	550
KLGR	MN	Redwood Falls	Nancy Johnson	Billings, MT	657
WLOX	MS	Biloxi	Frank Merrill	Milan, MI	861
WCLD	MS	Cleveland	Charles Reh	Leamington, ON	724
WCLD	MS	Cleveland	John Wilkins	Ames, IA	596
WHOC	MS	Philadelphia	Steve Francis	Alcoa, TN	361
WTUP	MS	Tupelo	Don Trelford (SK)	Runaway Bay, Jamaica	1302
WTUP	MS	Tupelo	Carl Dabelstein	Lincoln, NE	629
WRTM	MS	Vicksburg	Steve Francis	Alcoa, TN	462
KDMO	MO	Carthage	Jeff Falconer	Clinton, ON	806
KDMO	MO	Carthage	Frank Merrill	Milan, MI	662
KTTR	MO	Rolla	Nancy Johnson	Billings, MT	1016
KDRO	MO	Sedalia	Shawn Axelrod	Winnipeg, MB	782
KDRO	MO	Sedalia	John Wilkins	Wheat Ridge, CO	638
KBOW	MT	Butte	John Johnson	Sheridan, WY	285
KDBM	MT	Dillon	Shawn Axelrod	Winnipeg, MB	784
KDBM	MT	Dillon	Wayne Heinen	Aurora, CO	557
KXGF	MT	Great Falls	Shawn Axelrod	Winnipeg, MB	664
KBSR	MT	Laurel	Phil Bytheway	Seattle, WA	658
KLNG	NE	Omaha	Gary Siegel	Toledo, OH	643
WKDR	NH	Berlin	Kraig Krist	Manassas, VA	515
WEMJ	NH	Laconia	Jeff Falconer	Clinton, ON	506
WEMJ	NH	Laconia	Russ Edmunds	Blue Bell, PA	306
WLGW	NH	Lancaster	Andy Rugg (SK)	Montreal, QC	120
WUVR	NH	Lebanon	Russ Edmunds	Blue Bell, PA	288
WUVR	NH	Lebanon	Barry McLarnon	Ottawa, ON	211
WUSS	NJ	Atlantic City	Steve Francis	Alcoa, TN	578
WGYM	NJ	Pleasantville	Barry McLarnon	Ottawa, ON	420
WTKU	NJ	Pleasantville	Tim Hall	Tom Nevers, MA	267
KRSN	NM	Los Alamos	Tim Hall	Chula Vista, CA	656
KRTN	NM	Raton	Tim Hall	Rancho Bernardo, CA	767
KOAW	NM	Ruidoso Downs	Tim Hall	Rancho Bernardo, CA	668
WCSS	NY	Amsterdam	Jeff Falconer	Clinton, ON	373
WCSS	NY	Amsterdam	Russ Edmunds	Blue Bell, PA	196
WBTA	NY	Batavia	Gary Siegel	Toledo, OH	289
WBTA	NY	Batavia	Jeff Falconer	Clinton, ON	174
WKNY	NY	Kingston	Neil Kazaross	Barrington, IL	725
WKNY	NY	Kingston	Jeff Falconer	Clinton, ON	400
WICY	NY	Malone	Charles Reh	Leamington, ON	446
WICY	NY	Malone	Russ Edmunds	Blue Bell, PA	329
WDLC	NY	Port Jervis	Russ Johnson	Lexington, NC	488
WDLC	NY	Port Jervis	Jeff Falconer	Clinton, ON	383
WCDO	NY	Sidney	Kraig Krist	Manassas, VA	271
WOLF	NY	Syracuse	Neil Kazaross	Grafton, WI	589
WOLF	NY	Syracuse	Charles Reh	Leamington, ON	333
WGMF	NY	Watkins Glen	Barry McLarnon	Ottawa, ON	215
WRCE	NY	Watkins Glen	Russ Edmunds	Blue Bell, PA	174
WSSB	NC	Durham	Andy Rugg (SK)	Montreal, QC	715
WSSB	NC	Durham	Marc DeLorenzo	Hyannis, MA	608
WLOE	NC	Eden	Barry McLarnon	Ottawa, ON	647
WLOE	NC	Eden	Russ Edmunds	Kinnelon, NJ	425
WFLB	NC	Fayetteville	Marc DeLorenzo	Hyannis, MA	650
WIZS	NC	Henderson	Russ Johnson	Lexington, NC	109
WRNB	NC	New Bern	Gary Siegel	Toledo, OH	572
WWNB	NC	New Bern	Barry McLarnon	Ottawa, ON	711
WRMT	NC	Rocky Mount	Andy Rugg (SK)	Montreal, QC	698
WRMT	NC	Rocky Mount	Steve Francis	Alcoa, TN	345
WSTP	NC	Salisbury	Barry McLarnon	Ottawa, ON	713
WSTP	NC	Salisbury	Gary Siegel	Yolo, OH	445

WSVM	NC	Valdese	Frank Merrill	Milan, MI	454
WHSL	NC	Wilmington	Marc DeLorenzo	Hyannis, MA	662
WWIL	NC	Wilmington	Barry McLarnon	Ottawa, ON	779
KNDC	ND	Hettinger	Wayne Heinen	Aurora, CO	453
KOVC	ND	Valley City	Tim Hall	US 6/50 at NV/UT Border, UT	972
KOVC	ND	Valley City	Tim Hall	Winnipeg, MB	210
WBEX	OH	Chillicothe	Barry McLarnon	Ottawa, ON	556
WBEX	OH	Chillicothe	Russ Edmunds	Blue Bell, PA	414
WERE	OH	Cleveland Heights	Jeff Falconer	Clinton, ON	145
WJMO	OH	Cleveland Heights	Steve Francis	Alcoa, TN	419
WOHI	OH	East Liverpool	Steve Francis	Alcoa, TN	382
WMOA	OH	Marietta	Barry McLarnon	Ottawa, ON	503
WMOA	OH	Marietta	Russ Edmunds	Blue Bell, PA	334
WMRN	OH	Marion	Shawn Axelrod	Winnipeg, MB	925
WMRN	OH	Marion	Niel Wolfish	Winnipeg, MB	925
WMRN	OH	Marion	Russ Edmunds	Kinnelon, NJ	458
KOKC	OK	Guthrie	Rick Dau	Iowa City, IA	542
KBIX	OK	Muskogee	Niel Wolfish	Winnipeg, MB	1000
KBIX	OK	Muskogee	Steve Francis	Alcoa, TN	638
KBKR	OR	Baker	MB DXpedition &	Valhalla Beach, MB	1064
KBKR	OR	Baker	Tim Hall	Port Angeles, WA	353
KRNR	OR	Roseburg	Tim Hall	Lynn Canal, AK	1177
KRNR	OR	Roseburg	Tim Hall	Lone Pine, CA	530
KRNR	OR	Roseburg	Tim Hall	Manning Park Resort, BC	462
KBZY	OR	Salem	Shawn Axelrod	Winnipeg, MB	1250
KBZY	OR	Salem	Tim Hall	Lynn Canal, AK	1073
KBZY	OR	Salem	Tim Hall	Chester, CA	333
WESB	PA	Bradford	Barry McLarnon	Ottawa, ON	274
WESB	PA	Bradford	Gary Siegel	Toledo, OH	255
WAZL	PA	Hazleton	Steve Francis	Alcoa, TN	558
WJNA	PA	Johnstown	Steve Francis	Alcoa, TN	418
WNTJ	PA	Johnstown	Jeff Falconer	Clinton, ON	265
WLPA	PA	Lancaster	Jeff Falconer	Clinton, ON	365
WBCB	PA	Levittown	Morris Sorensen (SK)	Kirkland Lake, ON	609
WBCB	PA	Levittown	Steve Francis	Alcoa, TN	583
WMRF	PA	Lewistown	Niel Wolfish	Toronto, ON	228
WMRF	PA	Lewistown	Russ Edmunds	Parsippany, NJ	185
WMGW	PA	Meadville	Andy Rugg (SK)	Nuns' Island, QC	424
WMGW	PA	Meadville	Russ Edmunds	Kinnelon, NJ	304
WNBT	PA	Wellsboro	Gary Siegel	Toledo, OH	323
WNBT	PA	Wellsboro	Charles Reh	Leamington, ON	271
WVGB	SC	Beaufort	Barry McLarnon	Ottawa, ON	932
WVGB	SC	Beaufort	Russ Edmunds	Blue Bell, PA	613
WGCD	SC	Chester	Frank Wheeler (SK)	Erie, PA	513
WMRB	SC	Greenville	Jeff Falconer	Clinton, ON	608
WMRB	SC	Greenville	Steve Francis	Alcoa, TN	110
WSDC	SC	Hartsville	Russ Edmunds	Little Silver, NJ	515
KFCR	SD	Custer	Tim Hall	US 6/50 at NV/UT Border, UT	629
KORN	SD	Mitchell	Charles Reh	Leamington, ON	788
KORN	SD	Mitchell	Tim Hall	US 6/50 at NV/UT Border, UT	889
WOPI	TN	Bristol	Andy Rugg (SK)	Montreal, QC	760
WOPI	TN	Bristol	Gary Siegel	Toledo, OH	359
WDXB	TN	Chattanooga	Carl Dabelstein	Lincoln, NE	737
WJOC	TN	Chattanooga	Barry McLarnon	Ottawa, ON	870
WCSV	TN	Crossville	Russ Edmunds	Blue Bell, PA	606
WCSV	TN	Crossville	Charles Reh	Leamington, ON	440
WITA	TN	Knoxville	Jeff Falconer	Clinton, ON	545
WROL	TN	Knoxville	Gary Siegel	Toledo, OH	395
WCOR	TN	Lebanon	Kraig Krist	Manassas, VA	512
WJJM	TN	Lewisburg	Neil Kazaross	Barrington, IL	470
WDXL	TN	Lexington	Carl Dabelstein	Lincoln, NE	574
KNOW	TX	Austin	Frank Merrill	Milan, MI	1130

KBST	TX	Big Spring	John Johnson	Sheridan, WY	915
KQTY	TX	Borger	Shawn Axelrod	Winnipeg, MB	990
KQTY	TX	Borger	Tim Hall	US 6/50 at NV/UT Border, UT	735
KWMC	TX	Del Rio	Tim Hall	Lordsburg, NM	510
KLNT	TX	Laredo	Tim Hall	Fort Stockton, TX	312
KZZN	TX	Littlefield	Shawn Axelrod	Winnipeg, MB	1120
KZZN	TX	Littlefield	Neil Kazaross	Barrington, IL	957
KPLT	TX	Paris	Tim Hall	Houston, TX	288
KDOK	TX	Tyler	Steve Francis	Alcoa, TN	690
KVWC	TX	Vernon	Tim Hall	US 6/50 at NV/UT Border, UT	884
KWUD	TX	Woodville	Tim Hall	Houston, TX	88
KVOG	UT	Ogden	Nancy Johnson	Aberdeen, WA	707
KCPX	UT	Spanish Valley	Tim Hall	US 6/50 at NV/UT Border, UT	251
WKVT	VT	Brattleboro	Niel Wolfish	Burnt River, ON	331
WKVT	VT	Brattleboro	Russ Edmunds	Blue Bell, PA	233
WFAD	VT	Middlebury	Gary Siegel	Toledo, OH	551
WFAD	VT	Middlebury	Jeff Falconer	Clinton, ON	419
WIKE	VT	Newport	Charles Reh	Leamington, ON	580
WIKE	VT	Newport	Russ Edmunds	Blue Bell, PA	366
WCVA	VA	Culpeper	Andy Rugg (SK)	Montreal, QC	535
WCVA	VA	Culpeper	Marc DeLorenzo	Hyannis, MA	463
WPAK	VA	Farmville	Russ Edmunds	Blue Bell, PA	258
WVEC	VA	Hampton	Barry McLarnon	Ottawa, ON	577
WVEC	VA	Hampton	Marc DeLorenzo	Hyannis, MA	457
WAYB	VA	Waynesboro	Steve Francis	Alcoa, TN	323
KBRO	WA	Bremerton	Ron Schiller	Coeur d'Alene, ID	274
KBRO	WA	Bremerton	Tim Hall	Manning Park Resort, BC	167
KVAC	WA	Forks	Tim Hall	Radium Hot Springs, BC	419
KEYG	WA	Grand Coulee	MB DXPedition	Valhalla Beach, MB	1021
KEYG	WA	Grand Coulee	Tim Hall	US 6/50 at NV/UT Border, UT	657
KWOK	WA	Hoquiam	Richard E. Wood (SK)	Hilo, HI	2582
KWOK	WA	Hoquiam	Tim Hall	Chester, CA	479
KWOK	WA	Hoquiam	Tim Hall	Vancouver, BC	166
KLOG	WA	Kelso	Tim Hall	Lynn Canal, AK	1003
KLOG	WA	Kelso	Mike Hardester	Modesto, CA	594
KLOG	WA	Kelso	Tim Hall	Vancouver, BC	221
KYNR	WA	Toppenish	Tim Hall	Juneau, AK	1013
KYNR	WA	Toppenish	Tim Hall	US 6/50 at NV/UT Border, UT	598
KYNR	WA	Toppenish	Tim Hall	Denny and Hunter Islands, BC	513
KTEL	WA	Walla Walla	Tim Hall	US 6/50 at NV/UT Border, UT	529
KTEL	WA	Walla Walla	Tim Hall	Jasper, AB	473
WSWW	WV	Charleston	Barry McLarnon	Ottawa, ON	570
WSWW	WV	Charleston	Neil Kazaross	Barrington, IL	434
WTCS	WV	Fairmont	Jeff Falconer	Clinton, ON	295
WTCS	WV	Fairmont	Russ Edmunds	Blue Bell, PA	262
WAEY	WV	Princeton	Russ Edmunds	Blue Bell, PA	369
WGBB	WV	Sutton	Russ Edmunds	Blue Bell, PA	313
WGEZ	WI	Beloit	Russ Edmunds	Blue Bell, PA	732
WLCX	WI	La Crosse	Gary Siegel	Toledo, OH	415
WLFN	WI	La Crosse	Barry McLarnon	Ottawa, ON	767
WIGM	WI	Medford	Steve Francis	Alcoa, TN	728
WOSH	WI	Oshkosh	Jeff Falconer	Clinton, ON	349
WYTL	WI	Oshkosh	Neil Kazaross	Schenectady, NY	738
KIML	WY	Gillette	Gene Allen (SK)	Vallejo, CA	985
KUGR	WY	Green River	Shawn Axelrod	Winnipeg, MB	817
KUGR	WY	Green River	Tim Hall	Chula Vista, CA	739
KOJO	WY	Laramie	Phil Bytheway	Seattle, WA	935
KGOS	WY	Torrington	Shawn Axelrod	Winnipeg, MB	625
KGOS	WY	Torrington	Tim Hall	US 6/50 at NV/UT Border, UT	556
CJPR	AB	Blairmore	Shawn Axelrod	Winnipeg, MB	795
CJPR	AB	Blairmore	Tim Hall	Lake MacDonald, MT	110
CFWB	BC	Campbell River	Shawn Axelrod	Cardinal Divide, AB	388

						25
CKGO	BC	Hope	Nancy Johnson	Aberdeen, WA		199
CKOO1	BC	Oliver	Nancy Johnson	Aberdeen, WA		250
CKOO1	BC	Oliver	Tim Hall	Banff, AB		221
CHPG	BC	Prince George	Phil Bytheway	Seattle, WA		438
CKEN	NS	Kentville	Russ Edmunds	Little Silver, NJ		601
CHVR2	ON	Arnprior	Niel Wolfish	Coe Hill, ON		82
CHYM	ON	Kitchener	John Wilkins	West Des Moines, IA		691
CHYM	ON	Kitchener	Jeff Falconer	Clinton, ON		64
CFPS	ON	Port Elgin	Shawn Axelrod	Winnipeg, MB		825
CFPS	ON	Port Elgin	Russ Edmunds	Blue Bell, PA		430
CKLR	QC	L'Annonciation	Charles Reh	Leamington, ON		490
CKBM	QC	Montmagny	Joe Kureth (SK)	Uniontown, MD		606
CJMC	QC	Ste-Anne-des-Monts	Joe Kureth (SK)	Uniontown, MD		839
CJSN	SK	Shaunavon	Tim Hall	US 6/50 at NV/UT Border, UT		780
CJSN	SK	Shaunavon	Tim Hall	Jasper, AB		472
XEAQ	MEX	Agua Prieta, SO	Tim Hall	Willcox, AZ		69
XECJC	MEX	Ciudad Juarez, CH	Phil Bytheway	Seattle, WA		1384
XESK	MEX	Ciudad Ruiz, NA	Pete Taylor	Cabo San Lucas, BCS		316
XEDR	MEX	Guaymas, SO	Tim Hall	Poway, CA		503
XEMS	MEX	Matamoros, TA	Pete Taylor	Cabo San Lucas, BCS		803
XEFF	MEX	Matehuala, SLP	Tim Hall	Junction, TX		476
XEGT	MEX	Zamora, MC	Tim Hall	10 mi W of Mazatlan, Sin		361
CMDH	CUB	Mayari	Don Trelford (SK)	Runaway Bay, Jamaica		185
WMDD	PR	Fajardo	Hank Holbrook (SK)	Chevy Chase, MD		1600
WDEP	PR	Ponce	Shawn Axelrod	Marigot, St. Martin		231
ZYH246	BRZ	Penado, AL	NF DXPedition	Cappahayden, NF		4082
ZYK769	BRZ	Penapolis, SP	NF DXPedition	Cappahayden, NF		4728

- NF DXPedition = Jean Burnell, David Clark, Mark Connelly, Bruce Conti, Neil Kazaross and Jim Renfrew
- UK DXPedition ££ = Martin Hall, Mark Hattam, Dave Kenny and Clive Rooms

FCC Silent Station List

100 stations on the FCC web site as of October 19, 2018 – often less than 100% accurate.

540	WETC-NC	1140	WMMG-KY	1310	KIQQ-CA	1490	WQTM-NC
580	KANA-MT		WQII-PR	1330	WSPQ-NY		WSYL-GA
590	WDIZ-FL	1160	WAIX-NY	1340	WAGR-NC		KRTK-ID
740	KCMC-TX		WBYN-PA	1350	WOAM-IL		WSTP-NC
750	WBMD-MD	1170	WKFL-FL	1360	WHCG-GA		KFKB-WA
760	KMTL-AR	1190	KJJI-AR		KUIK-OR		KJNT-WY
790	KKON-HI		KNEK-LA	1380	WWNT-NC	1500	WAKE-IN
820	WTNW-TN	1210	WDGR-GA		WAGS-SC		WQMS-MS
830	WUMY-TN	1220	KLBB-MN	1390	WPLM-MA		WGHT-NJ
850	KHLO-HI	1230	WRJX-AL	1400	KWNA-NV	1510	WBSG-PR
880	WAMI-AL		KLXR-CA		KSRR-UT	1520	WTHE-NY
900	WABY-NY		KOBB-MT		WRON-WV		WRSJ-PR
910	KLCN-AR		WLNR-NC	1410	WIQR-AL	1530	WZTE-PA
	WSRP-NC	1240	WULA-AL		KQV-PA	1540	WJZI-IN
940	KCOE-OR		KJAA-AZ	1420	WUKQ-PR		WKXG-MS
990	WRFM-IN		WPTR-NY	1430	WLTG-FL		WNWR-PA
	WBTE-NC	1260	KBHC-AR	1440	KPTO-ID	1550	KNSH-TX
1000	WCMX-MA		WMDG-GA	1450	WZGX-AL	1570	KPRO-CA
1020	KCKN-NM		KWEI-ID		WCOX-AL		WLEE-MS
1060	WGSB-NC	1270	WHGS-SC		KIKR-TX	1580	WDAB-SC
1080	KWAI-HI	1280	WCPM-KY	1460	KHRA-HI	1590	WRXB-FL
	KCNM-MP	1300	KROP-CA		WATD-MA	1620	WDND-IN
1090	KBOZ-MT		WFFG-FL	1470	KAIR-KS		WDHP-VI
	KVOP-TX		KLLS-TX		WWBG-NC	1690	WMLB-GA
1130	WALQ-AL		KKOL-WA	1480	WRCK-NY	1700	WRCR-NY

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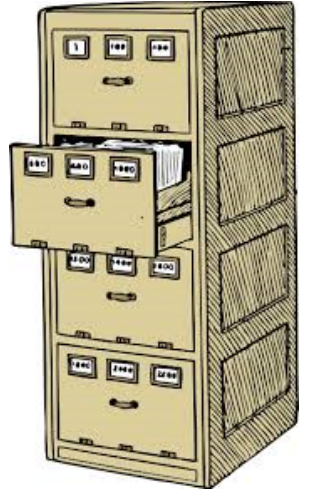
From the *DX News* archives

75 Years Ago – From the October 30, 1943 issue of *DX News*: WINS-1000 New York will be moving to 1010 kcs. Dick Cooper arranged for the printing of report forms (a packet of 100 available for 75 cents) and NRC letterhead (100 for 65 cents) to use in seeking verifications. Eleven DX tests were scheduled for November.

50 Years Ago – From the October 26, 1968 issue of *DX News*: The proposed merger of the NRC and the IRCA was postponed indefinitely; the IRCA was unable to reach consensus on the proposal. Some sample pages of the *NRC AM Radio Log* were printed, and it was announced that a new issue of the Vane Jones Log has also been released. Gordon Nelson (Mass.) reported that after “219 hours” of unsuccessful attempts, he had logged AFRTS-790 from the Panama Canal Zone, for country number 119.

25 Years Ago – From the October 25, 1993 issue of *DX News*: Turks and Caicos is back on the air, but on 535 kHz instead of the former 530 kHz, as logged by Mark Connelly and Jim Renfrew. Shawn Axelrod in Manitoba reported his first Hawaiian station, KHLO-850, under WWJC with KOA possibly off the air. John Malicky published his report on the Enfield convention, where 57 NRC members and guests were in attendance.

10 Years Ago – From the October 27, 2008 issue of *DX News*: New station WXME-780 in Maine is now on the air. Frank Merrill reported a number of stations from his visit to Hawaii, including many Alaskans and KVNS-1700 from Texas.



NOAA Space Weather Outlook

Issued October 22, 2018 – For the period October 22-November 17, 2018

<http://www.swpc.noaa.gov/products/weekly-highlights-and-27-day-forecast>

Solar activity is expected to be very low throughout the outlook period.

No proton events are expected at geosynchronous orbit.

The greater than 2 MeV electron flux at geosynchronous orbit is expected to reach high levels on 22-25 Oct, 04-09 and 12-16 Nov with moderate flux levels expected throughout the remainder of the period.

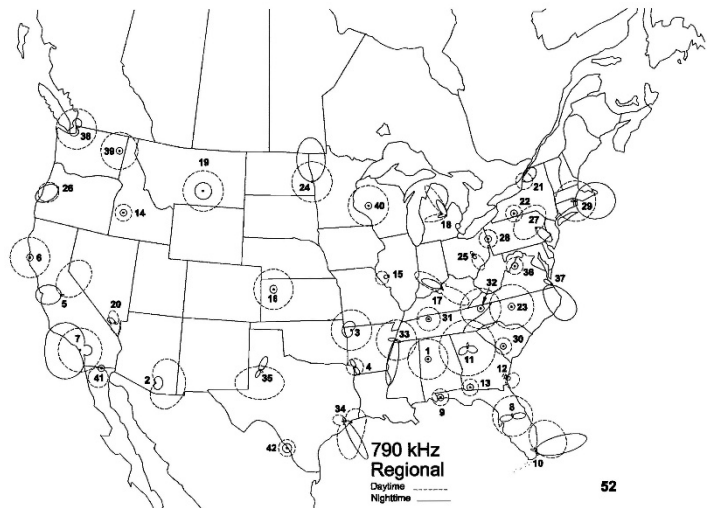
Geomagnetic field activity is expected to reach G1 (Minor) geomagnetic storm levels on 03-04 Nov with active levels expected on 29 Oct and 05-06 Nov due to the influence of recurrent CH HSSs.

NRC Antenna Pattern Book 8th Edition Is Now Available

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.



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