

DX News

Serving DXers since 1933



Volume 85, No. 8 • January 8, 2018 • (ISSN 0737-1639)

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From the Publisher: Wrapping up this issue for posting on e-DXN before the New Year. Thanks to all who supported *DX News* during 2017, and here's to lots of good DX to all of our members in 2018!

Help Wanted: We are still looking for a member who would be willing to edit DDXD-West, on either a temporary or permanent basis. And we are also hoping to find a member to compile the periodic College Sports Networks column.

If interested in either opening, please contact David Yocis at NRCDXNews@gmail.com. Also, for the time being, please send DDXD-West submissions to the same address.

NRC Verie Scanning Project: I want to let everyone know that BCB veries from Kermit Geary (SK), Bill Nittler (SK), and Carl "Skip" Dabelstein have all been added to nationalradioclub.org. A big thanks to members John Herkimer, Skip Dabelstein, and David Gleason (see his excellent historic site at <http://www.americanradiohistory.com/>) for their extensive work in scanning the veries and Kraig Krist who created the display format that we're using to show them off! – Wayne Heinen.

WRTH Raffle: How would you like a new 2018 WRTH for \$12 for USA members? (Sorry, the cost of postage to Canada and elsewhere is more than the cost of the book!) The NRC has 4 copies that will be available through this raffle. To receive a chance at the drawing, just send a postcard or letter to NRC WRTH Drawing, PO Box 473251, Aurora, CO 80047-3251. We'll draw 4 names of National Radio Club members in good standing (*your subscription to DX News or e-DXN.com must be current*) and notify the winner by phone, provided you supply your phone number. The 4 lucky winners will receive the WRTH after they send us \$12 shipping and handling (and a buck or two for the NRC TreasuryDeadline for your response in the PO Box will be Saturday February 10.

Convention: We still don't have a convention host for 2018. If you have any interest in considering whether to make a bid to host the convention next year, please contact Ernie

Wesolowski at NEErnieW@yahoo.com or 13312 Westwood Lane, Omaha, NE 68144-3543. Ernie will give you all the information you need as to what is involved in hosting a convention.

Volume 85 DX News Schedule

No	D'dline	Print	15	Apr. 27	May 7
9	Jan. 12	Jan. 22	16	May 25	June 4
10	Jan. 26	Feb. 5	17	June 22	July 2
11	Feb. 9	Feb. 19	18	July 20	July 30
12	Feb. 23	Mar. 5	19	Aug. 17	Aug. 27
13	Mar. 16	Mar. 26	20	Sept. 7	Sept. 17

Membership Report

"It's time to renew for another year. Seems like it was not that long ago when I sent my first check and joined the club. That was February 1970!" – Nancy Johnson

"NRC Gentlemen, Thanks again for your continued efficient service! It's a pleasure to renew my subscription for 2018" – John Campbell.

"Hi Guys, Very happy to reup my subscription for another year and order the 38th AM Log." – Janice Sylor

"Here is my renewal check for another year of *DX News*. I read every word of *DX News* except where it says 'Last Issue Please Renew.' Please continue my subscription for another year." – Jim Paige

New Members: Welcome to John Lutz, Shorewood, IL; and Raymond O'Bryan, St. Louis Park, MN.

Rejoining Member: Welcome back to Rick Shaftan, Sparta, NC.

Renewing Members: Thanks for the ongoing support of Denny Adkins; Donald Craig Barnes; William Brown; John Campbell; Larry Cook; Michael Irizarry; Nancy Johnson; Jon M. Ohman; James N. Paige; Les Rayburn; Mike Riordan; Janice Sylor; Terence Talady; Paul Williams; and Stephen Wood.

"I want to personally thank all those who have sent personal greetings and compliments to me and hope everyone had a great holiday and has a DX filled New Year!" 73 – Wayne Heinen

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

Official updates from the FCC and the CRTC

CALL CHANGES

- 1050 WHSC SC Conway – Call change to WRWM (Dec. 26).
1330 WANG NC Havelock – Call change to WWNG (Dec. 20).
1440 WBOW IL Paris – Call change to WIBU (Dec. 26).



STATIONS GOING DARK

- 1420 WVOT NC Wilson – License cancelled Dec. 19; station never responded to a November letter from the FCC stating that it had received reports that the station has been off the air for six years.

NEW STATION WATCH

- 1580 KWLO UT Springville – Has CP for new station with U1 10000/380; applies to modify CP to U1 1000/380.

CONSTRUCTION PERMITS (CPs) FOR EXISTING STATIONS

CPs fully licensed and on the air:

- 1000 WKLF AL Clanton – CP with D1 1000 (ex-980 kHz) is on the air.
1140 KNAB CO Burlington – CP with U1 1000/10 is on the air.
WNWF FL Destin – CP with U1 3000/12 (ch 2400), ex-1120 kHz, is on the air.
1350 WNVA VA Norton – CP with new site 36-56-31/82-35-48 is on the air.

CPs built, awaiting final licensing:

- 980 KMBZ MO Kansas City – Applies for license to cover CP for U2 9000/5000, new site 39-02-25/94-30-30.
1020 WLJV FL Boynton Beach – Applies for license to cover CP for U4 4700/1500, CoL ex-Kendall FL, new site 26-28-26/80-12-11. All three stations in the South Florida frequency/site swap (990, 1020, 1040) now broadcasting from new sites under LTC applications.

CPs granted:

- 680 WAPA PR San Juan – Granted CP with U1 10000/9500, adjust coordinates to 18-24-16/65-56-52 fulltime.
1160 WKCM KY Hawesville – Granted CP with U1 2500/55.
1330 WHGM MD Havre de Grace – Granted CP with U1 5000/23.
1440 KPTO ID Pocatello – Granted CP with U1 270/119, moving to Hailey ID and new site 43-32-59/114-19-37.
1450 WTRO TN Dyersburg – Granted CP with U1 700/700, new site 36-04-06/89-19-58.
1500 WMNT PR Manati – Granted CP with U1 1200/290, new site 18-26-01/66-28-39.
1550 WNZF FL Bushnell – Granted CP with U1 5500/57.
1580 WVOZ PR Morovis – Granted CP with U5 1000/1000, CoL to Aguadilla PR, new site 18-24-09/67-08-48.



Applications for CP received:

- 890 KJME CO Fountain – Applies for CP with U4 5000/250, dropping from six night towers to three and using the same pattern day and night (except for power).
1370 WIVV PR Island of Vieques – Applies for CP with U1 5000/1200, new tower to replace the one that fell in Hurricane Maria at 18-06-06/65-28-16.

SPECIAL TEMPORARY AUTHORITY (STA)

STAs granted:

- 850 WKGE PA Johnstown – Granted STA, U1 2500/2500.
1070 WMIA PR Arcibo – Granted STA, new tower as in CP.

- 1110 WVJP PR Caguas – Granted STA, U1 2500/500, temporary inverted L-antenna near licensed site 18-13-24/66-01-13, lost tower to Hurricane Maria.
- 1230 WNIK PR Arecibo – Granted STA, temporary tower (lost tower to Hurricane Maria).
- 1400 WJET PA Erie – Granted STA, U1 700/700, problems with grounding system.
- 1410 WING OH Dayton – Granted STA, U1 5000/1250, pattern switching problems.

Applications for STA received:

- 850 WAIT IL Crystal Lake – Applies for STA, parameters at variance.
- 1430 WKOX MA Everett – Applies for STA, U1 5000/250, switch in phasing equipment failed.
- 1500 KCLF LA New Roads – Applies for STA with CP power/tower until “red light” issues can be resolved.

Extensions to existing STAs granted:

- 790 KOSY AR Texarkana – Granted STA extension, night parameters at variance.
- 1080 WHIM FL Coral Gables – Granted STA extension, U4 50000/20000, Cuban QRM.
- 1230 WDWR FL Pensacola – Granted STA extension, U1 250/250, 145’ longwire at 30-25-57/87-13-07.
- 1270 KBZZ NV Sparks – Granted STA extension, night params. at variance or U1 13000/1250.
- 1300 KKOL WA Seattle – Granted STA extension, U4 25000/30000.
- 1350 WOYK PA York – Granted STA extension, U1 5000/250 or night parameters at variance.
- 1380 WELE FL Ormond Beach – Granted STA extension, parameters at variance.
- 1410 KMYC CA Marysville – Granted STA extension, U1 1250/250.
- 1420 KRIZ WA Renton – Granted STA extension, U1 250/125 from KYIZ-1620 tower.
- 1470 KUTY CA Palmdale – Granted STA extension, U1 1250/1250.
- 1540 KZMP TX University Park – Granted STA extension, night parameters at variance.
- 1570 KVAM CO Loveland – Granted STA extension, D1 90, 100’ longwire at CP site.
- 1590 WRSB NY Brockport – Granted STA extension, parameters at variance.

Applications to extend existing STAs received:

- 660 WORL FL Altamonte Springs – Applies to extend STA, U1 875/250.
- 720 WHYF PA Shiremanstown – Applies to extend STA, temporary antenna.
- 930 WYFQ NC Charlotte – Applies to extend STA, night parameters at variance.
- 960 KALE WA Richland – Applies to extend STA, reduced day power.
- 980 KTCR WA Selah – Applies to extend STA, U1 1000/125, from KRSE-105.7 tower.
- 1050 KTCT CA San Mateo – Applies to extend STA, U4 50000/35000, Mexico QRM.
- 1150 KGDD OR Portland – Applies to extend STA, U1 10/10 from temporary site.
- 1300 WMTN TN Morristown – Applies to extend STA, minor parameters at variance.
- 1320 WOBL OH Oberlin – Applies to extend STA, paramters at variance.
- 1330 WSNQ VA Marion – Applies to extend STA, D1 1000 from WUKZ-1010 tower.
- 1390 KBBO WA Yakima – Applies to extend STA, parameters at variance.
- 1450 KYLW MT Lockwood – Applies to extend STA, U1 30/30 from temporary longwire.
- 1490 KBSR MT Laurel – Applies to extend STA, U1 20/20 from temporary sloper longwire.
- 1500 KHKA HI Honolulu – Applies to extend STA, U1 5000/5000 from temporary tower.
- 1590 WKTP TN Jonesborough – Applies to extend STA, U1 5000/1250.

SILENT STATIONS

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

- 950 WDIG OH Steubenville – Silent Dec. 1; back on the air Dec. 17.

Also, Andrew Brade (MWDXC, UK) reports that he heard WGIT-1660 Puerto Rico in the UK on Dec. 19 (and Fredrik Dourén heard it as early as Dec. 15 via a remote Swedish receiver), so WGIT is back on the air post-Hurricane Maria (even though it’s still on the FCC silent list).

Stations informing the FCC that they are silent:

- 1060 KTNS CA Oakhurst – Silent Oct. 15, problems with transmission system.
- 1510 WBSG PR Lajas – Silent Sept. 20, extensive damage from Hurricane Maria.
- 1540 WKXG MS Greenwood – Silent Nov. 27, considering move to different tower site.
- 1570 WQTW PA Latrobe – Silent Dec. 15, problems with transmission equipment.

COORDINATE CORRECTION

- 1240 WENK TN Union City – CP to correct coordinates to 36-25-40/89-02-05 is on the air.
- 1450 KBKW WA Aberdeen – Applies for CP to correct coordinates to 46-56-55/123-49-12.

NRC AM Log updates

A new network is being created from the for Grp= La Estación de la Familia the symbol is LEF and it is operated by Centro Familiar Cristiano.

- 730 KULE WA Ephrata – Networks to LEF.
 750 KOAL UT Price – Slogan to “NewsTalk 107.3FM & 750 AM.” (WH)
 960 KALE WA Richland – Format to CLR (ex-CLR); slogan to “Big 106.1.”
 980 CKNW BC New Westminster – Drops networks C2C.
 1020 KDYK WA Union Gap – Networks to LEF; adds // K229AD-93.7; delete Group.
 1060 KIPA HI Hilo – Format to AC (ex-Hawaiian); slogan to “The Beach.”
 WHFB MI Benton Harbor-Saint Joseph – Adds // W273BM-102.5. (FCC)
 1110 KRDC CA Pasadena – Adds // K256CX-99.1 with an STA.
 KVTX TX Mineral Wells – Reported silent. (BH)
 1120 WBNW MA Concord – Adds // W275CM-102.9. (BH)
 1140 WRMQ FL Orlando – Format to SS (ex-UC:GOS); Group to Grp=Urbana FM (ex-Grp= Rejoice 103.7).
 1230 KRYN OR Gresham – Networks to LEF; delete Group.
 KDYM WA Sunnyside – Networks to LEF; delete Group.
 1240 WWNS GA Statesboro – Delete // W228DK-93.5. (FCC)
 WVTS WV Dunbar – Adds // W239CH-95.7. (FCC)
 1250 WARE MA Ware – Adds // W249DP-97.7. (FCC)
 1340 KIKO AZ Apache Junction – Format to OLD (ex-SS:REL) Group to Grp= KIKO Group (ex-Grp= Voz y Vision Radio). (DXM)
 KTOX CA Needles – Slogan to “K-Talks.”
 WIRY NY Plattsburgh – Format to CLR (ex-AC/C&W/OLD).
 1370 WXXI NY Rochester – Adds // W298CH-107.5. (FCC)
 1390 WFBL NY Syracuse – Format to CLR (ex-NWS/TLK); delete // WMCR-1600; slogan & Group to Grp=The Dinosaur. (PS)
 1400 KSRR UT Provo – Reported silent. (MR)
 KRSC WA Othello – Networks to LEF; delete Group.
 1420 WIMS IN Michigan City – Adds // W236BD-95.1. (FCC)
 1450 WMFJ FL Daytona Beach – Slogan to “The Cornerstone.”
 WSDV FL Sarasota – Format to AC (ex-NWS/TLK).
 WMVG GA Milledgeville – Format to AC (ex-SPT); delete slogan; networks to Gf.
 KTRP ID Notus – Networks to LEF; adds // K276GE-103.1; delete Group.
 1470 KWRD TX Henderson – Networks to ESPN.
 1480 WCNS PA Latrobe – Format to AC (ex-TLK).
 KHQN UT Spanish Fork – Reported silent. (MR)
 KNTB WA Lakewood – Networks to LEF; adds // K221FJ-92.1; delete Group.
 1490 WAZZ NC Fayetteville – Slogan & Group to Grp=Sunny 94.3.
 KBRO WA Bremerton – Networks to LEF; delete Group.
 1540 WYCL OH Niles – Slogan to “Right Way Radio,” networks to SRN.
 1560 KVAN WA Burbank – Networks to LEF; delete Group.
 1600 WMCR NY Oneida – Delete // WFBL-1390.
 WEJS PA Jersey Shore – Slogan to “News Talk 104.1 & 1600,” adds // W281AR-104.1.



New Groups

Grp= KIKO Group – KIKO-1340, KIKO-FM-96.5, K275CL 102.9 (DXM)

Grp= Sunny 94.3 – W232CI-94.3, WAZZ-1490, W228DK-93.5 (FCC)

Group Update

Grp- Country 96.9 & 1570 – Adds W241CN-96.1 Penn Yan

Grp= ESPN Richmond – Adds W227DJ-93.3 Richmond (CR)

Grp= Renew FM – Adds W291DA-106.1 Fitchburg (FCC)

Grp= Sports Radio 610 – Deletes W247AD-97.3 Roanoke

Grp= The Dinosaur – Adds WFBL-1390 Syracuse (PS)

Grp= The Team 1340 – Adds K252DZ-98.3 Silt

Grp= Voz y Vision Radio – Drops KIKO-1340 Apache Junction (DXM)



Group Name Changes

Grp= Rejoice 103.7 becomes Grp= Urbana FM

From *swling.com* (reposted on Facebook by Mike Brooker)

Since Overcomer Ministry leader, "Brother Stair" was arrested on multiple charges including sexual assault, I think many of us assumed his on-air programming would soon come to an end.

A number of private broadcasters had already pulled his programming after his arrest last Monday (Dec. 18). Now that Overcomer has announced the halt of all radio broadcasting—and the voice of Overcomer, Brother Stair, is in jail—their satellite and online feeds will likely replay old content.

Thanks to Shawn Axelrod, Bill Hale (BH), Mike Brooker, FCC Database (FCC), Mike Riordan (MR), DX Monitor (DXM), Charles Reh (CR), and Paul Snider (PS).

AM Radio Log 38th Edition Now Available

The 38th edition of the Log contains more than 300 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. 9,000+ updates since last year's 37th Edition of the log! Order by snail mail by check or money order in U.S. funds to National Radio Club, P.O. Box 473251, Aurora, CO 80047-3251 or order using your Pay Pal account at <http://www.nrcdxas.org>.

For U.S. delivery (Priority Mail) \$26.95 to members, \$32.95 to non-members.

For delivery to Canada (Global Priority Mail) US\$39.25 (members/non-members).

For delivery elsewhere (Global Priority Mail) US\$49.75 (members/non-members).

From the *DX News* archives

Compiled by Ron Schiller.

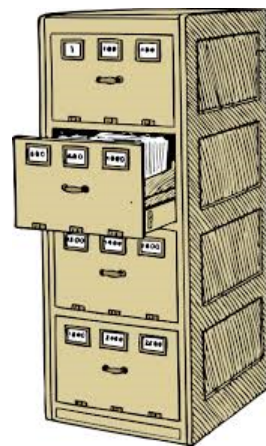
75 Years Ago – From the December 26, 1942 issue of *DX News*: A front page editorial deplored the fact that some Dxers had written to stations demanding to know why a verification of their report was not forthcoming! Marshall Blanchard (IL) reported hearing TIGPH-605, TIPG625, & TIBAS-655 Costa Rica with his "crystal." WJPF-1340 IL was heard by Joe Brauner(NYS) who also logged KWSO-OK to "complete" Oklahoma! When WJPF went AN, Ernie Cooper referred to them as We Jam Poor Frequency. OK's William Herman mentioned he was sick with the "grippe" (Ed: been years since I'd heard that term!) and missed the WLOF-950 FL DX Test. Buffalo, NY's Publisher Ray Edge seemed in awe of nearby Grant Batson's "exceptional location" in Westfield, NY.

50 Years Ago – From the January 6, 1968 issue of *DX News*: The DX Test calendar included WCMC-1230 NJ, WMCS-1400 ME, WILI-1400 CT, KRNR-1490 OR & WTSN-1270 NH. Among the participants in the Domestic DX Contest were NM's Fred Nordquist & NJ's Joe Fela. Newly married Ron Musco DX's with an HQ180A/150' long wire from Windsor, CT where he's an Electronic Tech. Stewart Drake (PA) logged his 42nd state capital, Phoenix, AZ's KOOL-960. G.A. Trower checked in from Brighton, UK. Among his goodies were Uruguayans CX140 1400 & CW45-1390! Jerry Starr (OH) received veries from 232 of his 245 reported stations (94%). Ev Johnson (IL) says CHAM-1280 was his only Canadian non-verifier from 158 loggings. Charles Rader reported from his Hamburg, NY shack; Dick Truax also from Columbus, Ohio.

25 Years Ago – From the December 28, 1992 issue of *DX News*: CPC said 160 DX Test requests were sent out and only 3 positive replies. Chicago's Robert Kramer (HQ129X & 2 loops) heard seldom-reported CFOB-640 Fort Frances, ON, a station he'd been chasing for years. Frank Merrill, then in IL, got his 45th state logging in WLAM (then 870) in Lewiston, ME. Paul Mount (OH) listed WKAQ-580 PR as his best NA logging for IDXD Achievements. The Dallas/Fort Worth market for radio in 1930 (per John Bowker) had all of 6 stations including WBAP, WFAA, KRLD, WRR & KFJZ. The 1930 US Census was the only one, I believe, that asked how many radios a family owned! By 1992, that number of AM stations in the DFW Metro had more than tripled to 21.

10 Years Ago – From the December 24, 2007 issue of *DX News*: WGHB-Farmville, NC billed itself as "Pirate Radio" even though it was legitimately FCC licensed and too far from Pittsburgh, PA to be in the (pro baseball) Pirates network! Bill Hale compiled a list of all the counties, parishes, etc. in the US & Canada; sold for \$8.95. Roy Barstow (MA) measured Guinea @ 1385.9 off frequency with his SDR coupled with a 50' flag antenna. CKEC-1320 NS-CAN is abandoning AM after 54 years to go to FM. CKEC grew from 250 watts in 1951 to 25,000 watts most recently, per Shawn Axelrod (MB-CAN).

Send any comments, criticisms, or suggestions to me at rschiller28@gmail.com.



Domestic DX Digest – East

Mike Brooker, 99 Wychrest Avenue, Toronto ON M6G 3X8 (Canada), patria1818@yahoo.com

For loggings of U.S. and Canadian stations by DXers in 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.
- HF-MI** **Harold Frodge, Midland** – Drake R8B + 185' RW
- TF-NH** **Tony Fitzherbert, Campton** – Grundig S450 DLX, Grundig AQM 200 loop
- JK-WV** **Joe Kremer, Bridgeport** – ICOM IC-7300, 18' vertical, 20M MonoGap
- KK-VA** **Kraig Krist, Manassas** – Winradio G33DDC SDR, Wellbrook ALA-1530S+ Imperium Loop
- TLK-FL** **Terry Krueger, Clearwater** – NRD-535, IC-R75, roof dipole, active loop
- PS-ON** **Paul Snider, Welland** – Elad FDM-S2, Pixel Pro 1B loop.
- REH-ON** **Charles Reh, Leamington** – Elad FDM-S2 SDR, Wellbrook ALA1530LN Pro Imperium Loop
- JW-PA** **Jim Weber, Lancaster/Oyster Point** – Grundig S350
- NjW-ON** **Niel Wolfish, Toronto** – WinRadio Excalibur G31DDC + Wellbrook Loop
- DY-VA** **David Yocis, Mount Vernon** – Perseus, random longwire
- MKB-ON** **Mike Brooker, Toronto** – Grundig YB-400PE, Sony SRF-39FP, C Crane CC Skywave, Panasonic RF-2200.

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

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

UNID

- 1260 unID** -- – 12/25 0557 – National ads, fade under WSUA at 0600, back up with Fox Sports Radio programming. WNDE, Indianapolis, WNXT Portsmouth OH, or someone else? **(TLK-FL)**
- 1580 unID** -- – 12/17 0620 – Someone popping up with a loud 60-cycle hum, live male quick something "...15-80" and on/off a couple times. Back on briefly with the hum at 0641 then off. Someone on maintenance testing this Sunday morning? **(TLK-FL)**
- 1649.71 unID** -- – 12/17 0511 – Big het against on-frequency WHKT, KSVE, CINA and the I-275 Tampa HAR. Wasn't audible the previous morning during same time span. Frequency measurement approximate on the R75. **(TLK-FL)**
- 1680 unID** -- – 12/17 0518 – Pointing NNE/SSW, this "Sweeper" which has sporadically appeared for a few years, here again with rapidly ascending whoop-whoop tone, about three per second. **(TLK-FL)**

LOGGINGS

- 540 WFLF FL Pine Hills** – 12/18 2105 – political talk over/under WLIE, CBT and others, soon gone, not surprising with this station's very directional pattern east out over the Atlantic from Pine Hills. **(TF-NH)**
- WKFN TN Clarksville** – 12/25 1700 – "ESPN Clarksville" ToH ID that mentions the FM frequency of 104.1 before the AM frequency, into SportsCenter. **(NjW-ON)**
- CBT NL Grand Falls-Windsor** – 12/26 1659 – Good; "This is CBC Radio One, 540 AM in Grand Falls-Windsor," and CBC promos. **(BC-NH)**
- 560 WQAM FL Miami** – 12/18 2115 – Atlanta Falcons v. Tampa Bay football play by play, briefly above WGAN, WFIL and an unidentified Black Gospel station, but their 1000-watt night signal was soon gone. **(TF-NH)**
- WIND IL Chicago** – 12/17 1803 – Chicago area traffic report. One in the mix; suspect they were the one with Glenn Beck before ToH. **(HF-MI)**
- KWTO MO Springfield** – 12/17 1710 – One in the mix with financial advice program and related ads; Bob Brinker per program schedule, "AM 5-60 and FM 93.3" slogan. **(HF-MI)**
- 580 WGAC GA Augusta** – 12/24 1700 – Over CKWW-Windsor with ToH ID: "AM 580 and FM 95.1, news-talk WGAC." **(NjW-ON)**
- 600 WFRM PA Coudersport** – 12/29 1600 – Fair; "You're listening to 600 AM WFRM Coudersport, news is next, then we're back with more of America's best music." New log, domestic #1000 this decade. **(BC-NH)**

- CJWW SK **Saskatoon** – 11/4 0800 – C&W music and ID: “It’s the greatest hits from the...on CJWW” into CJWW News. Over/under KSJB Jamestown, ND. No sign of the usual WMT Cedar Rapids, IA. Second Saskatoon station logged on 600. First one was CFQC in January 1963. They moved to FM in 1995. **(REH-ON)**
- 620 WAKY KY **Louisville** – 12/16 2158 – 60s and 70s oldies, “WAKY Whacky” slogan. Fox News for one minute into ad cluster for Liberty Mutual, the USPS and Robert’s Mobile Electronics. ID: “WAKY-FM 103.5 Radcliff-Louisville.” “Wackyland Weather a service of Moby Dick Seafood Restaurants.” Legal ID: “WAKY Louisville Kentucky.” Back to oldies on “a Wacky Wayback Weekend.” Mostly on top of WTMJ-WI, WSNR-NJ, WRJZ-TN and another oldies station possibly WKHB-PA. Logged the original Louisville WAKY-790 back on December 16 1962, 55 years to the day. **(REH-ON)**
- +++ – 12/17 2208 – “Dancin in the Moonlight” by King Harvest, “Merry Christmas WAKY” jingle, “Have Yourself a Merry Little Christmas” by Frank Sinatra. Poor to very poor in station mix. // to Tune In stream. **(PS-ON)**
- 640 WMFN IL **Peotone** – 12/28 2340 – Spanish language Mexican style music, SS announcement at 2353 mentioning Michigan. No ToH heard, in fact no IDs heard at all, but // to Tune In stream. Poor to very poor under CFMJ with CBN and maybe WHLO. According to the Birach Broadcasting Corporation website they are in Peotone, IL now. No mention of Michigan site. **(PS-ON)** *Birach is the same outfit that owns WTOR-770 in Youngstown, NY but claiming to be a Toronto station. Mike.*
- CBN NL **St. John’s** – 12/26 1659 – Fair; “This is CBC Radio One, 640 AM in St. John’s.” **(BC-NH)**
- +++ – 12/28 2216 – The Story from Here program, “What Are You Doing New Year’s Eve” by Rufus Wainwright, interview with Wainwright (apparently, he’s a competitive weight lifter), mention of CBC at 2226, another interview, CBC Radio One mention at 2231. Poor to very poor under CFMJ with unknown Spanish language station (WMFN?) and Fox station (WHLO?). // to Tune In stream. **(PS-ON)**
- 690 WZAP VA **Bristol** – 12/26 1702 – At noise level with news, weather (with mentions of East Tennessee), “Southern Gospel Favorites, Inspiration ... WZAP Bristol” slogan. **(JK-WV)**
- 710 WTPR TN **Paris** – 12/26 0701 – Local news and weather. Promo for a New Year’s buffet event at Paris Landing State Park. **(NjW-ON)**
- 720 WGCR NC **Pisgah Forest** – 12/25 1700 – Under WGN-Chicago with ID that mentions FM 94.9. **(NjW-ON)**
- 750 WAUG NC **New Hope** – 12/22 1700 – Barely there but all alone with no sign of the usual suspects WSB-GA and WNDZ-IN. Jazz vocal followed by legal by woman: “WAUG-AM New Hope-Raleigh. Power 750 WAUG.” LSB to minimize WJR-760 splatter. **(REH-ON)**
- CBGY NL **Bonavista Bay** – 12/26 1659 – Over/under WSB; “This is CBC Radio One, 540 AM in Grand Falls-Windsor.” **(BC-NH)**
- 760 WETR TN **Knoxville** – 12/25 2200 – ToH ID and The Fox Report audible in pauses of WJR’s play-by-play of college football bowl game taking place at Ford Field between Duke University and Northern Illinois. **(NjW-ON)**
- 770 WYRV VA **Cedar Bluff** – 12/27 0751 – Fair with gospel music, “Your source for great gospel is AM 770 WYRV, God’s Country” slogan, “The God’s Country Morning Show” program, ad for Vansant Lumber Company (“Best deals in town for propane”). **(JK-WV)**
- +++ – 12/26 *0700 – In the clear with no sign of WABC-New York with sign-on announcement. Gospel ditties followed. **(NjW-ON)**
- 790 WPRV RI **Providence** – 12/24 0700 – Under WKRD-Louisville with ToH ID that mentions Cumulus Media. **(NjW-ON)**
- WETB TN **Johnson City** – 12/26 1658 – Tail-end of Herman Williams gospel show. ID as “Sunshine 79 WETB Johnson City-Bristol-Kingsport” into SRN news. **(NjW-ON)**
- 810 WCKA AL **Jacksonville** – 12/15 1626 – In WGY/WSJC mix with Christmas songs, “...Monday morning 6 till 10 on WCKA. Alabama 8-10 and 94.3 and 97.1 FM” station promo. **(KK-VA)**
- WSJC MS **Magee** – 12/15 1700 – In WGY/WCKA mix with female “AM 8-10 WSJC” ID. **(KK-VA)**



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- 820 WCPT IL **Willow Springs** – 12/25 1633 – Good with Illinois political talk, “Visit the sponsors page at WCPT820.com” station promo. **(JK-WV)**
- WVSG OH **Columbus** – 12/27 1655 – Very good signal with ad for car dealership with 614 area code, “Catholic Community News on AM 820,” ad for Our Lady of Bethlehem Kindergarten, “Turn up your faith, this is the home for listener-supported St. Gabriel Catholic Radio, WVSG Columbus, Ohio, AM 820” slogan. **(JK-WV)**
- 830 WCRN MA **Worcester** – 12/23 1900 – Christmas music, “You’re listening to the music of the (workshop?) ...and WCRN Worcester,” name of sponsors on North Star Music. Good and atop. **(DY-VA)**
- 840 WHGH GA **Thomasville** – 12/15 1730* – In WHAS/WKTR mix with “...WHGH Thomasville concludes it’s...broadcast...” sign-off announcement. **(KK-VA)**
- WKTR VA **Earlsville** – 12/29 1700 – “You’re tuned to CSN, the Christian Satellite Network, on WKTR Earlsville,” then gone, leaving WHAS and WRYM. **(BC-NH)**
- 870 WTIM IL **Assumption** – 12/2 1702 – Very good after WKAR sign off with Westwood One’s coverage of the Georgia v. Auburn game. Local ad cluster for Shelby Energy Company, First National Bank in Taylorville and Short Furniture in downtown Shelbyville. **(REH-ON)**
- WLVP ME **Gorham** – 12/18 2232 – Noted oldies and Christmas songs under WWL and WHCU. Local ad and “WLVP weather” at 2233 (supposed to be // to 1470 WLAM, but I was sure they said WLVP), more oldies and then buried. Occasionally over WWL, but mostly under with WHCU as well. **(PS-ON)**
- WKAR MI **East Lansing** – 12/24 1659* – Over CFSX; sign-off, “WKAR East Lansing must now end its broadcast day...” **(BC-NH)**
- CFSX NL **Stephenville** – 12/24 1700 – Fair, over WHCU; mental health PSA, “VOCM cares,” and VPCM weather. **(BC-NH)**
- 910 WRKL NY **New City** – 12/26 1800 – ID by man for WRKL and WLIM-1580, fair in mix. **(DY-VA)**
- WPFB OH **Middletown** – 12/23 1859 – Barely atop the weak jumble with EWTN, “Thank you for listening to Sacred Heart Radio” and joint legal ID for “WNOP Newport, WHSS Hamilton, WPFB Middletown,” and a web site. Also heard on // WNOP-740. Need LSB to avoid local WURA-920 slop, but bothered by 909 het. **(DY-VA)**
- +++ - 12/25 0658 – End of EWTN program aimed at Catholics, area code 513 phone number given and ToH “Sacred Heart” ID. **(NjW-ON)**
- 940 WCPC MS **Houston** – 12/25 2159 – Local announcements by the familiar sounding locutor (perhaps the only employee at WCPC, as I’ve never heard anybody else on the station) along with time check and ID into a religious program. **(NjW-ON)**
- 950 CFAM MB **Altona** – 12/25 0659 – End of “Classics ‘Til Dawn” program sponsored by Burron Lumber on Lagimodière Blvd. in Winnipeg. ToH ID. Mixing with WAKM-Franklin and WWJ-Detroit. **(NjW-ON)**
- 970 WNIV GA **Atlanta** – 12/25 1659 – In Touch with Dr. Charles Stanley, mention of WATL-TV, “Here on WNIV Faith Talk Atlanta” slogan, fair signal. **(JK-WV)**
- WESO MA **Southbridge** – 12/17 1635 – Promo for Catholic Health Programs, life changing programs on Ava Maria Radio, program about the Saints, ToH ID at 1700 as “You are listening to 1230 WNEB, Worcester and 970 WESO, Southbridge, Emmanuel Radio.” **(TF-NH)**
- WWRK SC **Florence** – 12/26 1702 – Classic rock, ID for several FMs and WWRK, “The Rock FM,” very good. **(DY-VA)**
- 990 WNML TN **Knoxville** – 12/26 xx17 – Traffic report with mentions of 40 westbound and 75 southbound. Local ads for Knoxville TVA Employees Credit Union, Rusty Wallace Chevrolet in Clinton and Executive Building Solutions. ID mentioning they are the flagship station for University of Tennessee sports. **(NjW-ON)**
- KWAM TN **Memphis** – 12/26 1800 – Out of talk, ID and mention of 107.9 FM, then canned legal ID: “CBS news at the top of the hour, and the most local talk in the Mid-South, this is KWAM Memphis,” to CBS news. Good. **(DY-VA)**
- CBY NL **Corner Brook** – 12/26 1659 – Over/under WDCX; “This is CBC Radio One, 990 AM in Corner Brook.” **(BC-NH)**
- 1000 WIOO PA **Carlisle** – 12/14 1644 – Presumed with country Christmas music in clusters, above WINS hiss. Soon gone, only C&W station listed in the log on 1000. **(TF-NH)**

- 1030 WEBS GA **Calhoun** – 12/14 2252 – “Two Dozen Roses” by Shenadoah, “Running Outta Moonlight” by Randy Houser, “...Kicking Country 103.5” slogan at 2257, “Losing Sleep” by Chris Young, “California” by Big and Rich, missed possible ID at 2302, more C&W. Poor but readable at times to very poor under WBZ. // to Tune In stream. **(PS-ON)**
- WCTS MN **Maplewood** – 12/26 1700 – ToH ID: “WCCS Maplewood, Minneapolis-St. Paul” followed by a Bible verse. In fight with WBZ-Boston. **(NjW-ON)**
- 1070 WAPI AL **Birmingham** – 12/24 0700 – Faded up in the co-channel for a few seconds with ID into network news. **(TLK-FL)**
- WGOS NC **High Point** – 12/16 1800 – Clobbering semi-local CHOK with legal ID in English by woman: “This is WGOS AM 1070 High Point-Greensboro” and something or other in Spanish into Mexican-flavored instrumental music. Previously logged as WHPE in February 1967. **(REH-ON)**
- WFLI TN **Lookout Mountain** – 12/26 1700 – Creaming CHOK-Sarnia with ID: “The home of Fox News, The Legend 1070, WFLI Lookout Mountain-Chattanooga” into the Fox Report. **(NjW-ON)**
- 1090 KAAZ AR **Little Rock** – 12/21 2150 – “AM 10-90 KAAZ Little Rock on line” promo. No sign of the Overcomer after ToH as previously scheduled. Into Christmas music with “10-90 KAAZ” IDs after each song. Unlike the shortwave stations, they appear to have dumped the recently incarcerated Brother Stair. In and out, mixing with UNID station in Chinese, presumably WILD-Boston; per recent NRC reports, they are on well after sunset. **(HF-MI)**
- WKTE NC **King** – 12/26 0659 – ID that mentions their website over the WBAL/KAAZ mess. **(NjW-ON)**
- WAQE WI **Rice Lake** – 12/26 2200 – ToH ID and Fox Sports programming. **(NjW-ON)**
- 1100 WISS WI **Berlin** – 12/26 1701 – Booming in over WTAM-Cleveland with Nick Gilder’s “Hot Child in the City.” ID: “The Bug is FM 102.3 WAUH Wautoma, FM 98.3 W252DR Oshkosh and AM 1100 WISS Berlin, Hometown Broadcasting station.” **(NjW-ON)**
- 1110 WJML MI **Petoskey** – 12/28 1703 – Creaming WBT with local news “from the WJML 24-hour information center.” **(MKB-ON)**
- KFAB NE **Omaha** – 12/20 1644 – Chris Baxter local talk show; “News Radio 11-10 KFAB” ID and KFAB.com web promo, local traffic at 1652. Predominant one in the mix mainly over SS music, probably WMBI Chicago. **(HF-MI)**
- WMVX NH **Salem** – 11/3 0700 – Legal ID: “WMVX Salem, W255DA Salem, a Costa Eagle Media station.” FM slogan: “Valley 98.9, the Merrimack Valley.” Liner: “The end of boring radio starts here,” into “Hey Jude” by the Beatles. Previously logged as WNNW in December 1990 and as WCCM in October 2015. **(REH-ON)** *WCCM calls have migrated to 1570 (q.v.). Mike.*
- 1120 WKCE TN **Maryville** – 12/28 0655 – Abruptly up mid-song, something quasi-Barbershop Quartet-ish, into “Can’t You See That She’s Mine” by Dave Clark Five, quick Knoxville traffic report by guy mentioning I-75 at 0700, then male canned “WKCE, Maryville-Seymour-Knoxville and new on FM 97.1 W246DH.” Into “Oh Carol” by Rita Pavoro and Paul Anka. Trouncing KMOX, and held up until around 0710. D1 at only 1000 watts, a nice surprise. **(TLK-FL)**
- 1140 CBI NS **Sydney** – 12/26 1659 – Fair; “This is CBC Radio One, 107.1 FM in Cheticamp.” **(BC-NH)**
- 1190 WNWC WI **Sun Prairie** – 12/26 1700 – ToH ID: “Thanks for listening to Faith 104.7 FM and 1190 AM Sun Prairie” followed by SRN news. No sign of WOWO-Fort Wayne. **(NjW-ON)**
- 1200 WRTO IL **Chicago** – 12/23 1900 – SS talk, clear legal ID in EE, poor in IBOC splash. **(DY-VA)**
- WXKS MA **Newton** – 12/26 1555 – Over WMUZ/CFG0 mix with Bloomberg financial news, local weather, “Bloomberg 1200 Boston” slogan. **(MKB-ON)**
- WXIT NC **Blowing Rock** – 12/26 1700 – “The all new Pulse...95.3 FM, 1200 WXIT Blowing Rock,” fair but alone. **(DY-VA)**
- 1220 KLBB MN **Stillwater** – 12/21 0900 – June Christie Christmas tune. ToH ID: “Join the club. Club 1220 is KLBB Stillwater-Minneapolis-St. Paul where your music and memories live.” Brief weather forecast leading into Fox News. In the clear with semi-local WHKW-Cleveland off. Previously logged as WAVN in April 1963, WTCN in December 1989 and as WIMN in October 1993. **(REH-ON)**



- +++ - 12/27 1658 - Over WHKW with Bee Gee's "How Can You Mend a Broken Heart" and ToH ID: "this is where your music and memories live, 1220 KLBB Stillwater, Minneapolis-St. Paul." Fox news and Minnesota Network news followed. **(NjW-ON)**
- WSTL RI Providence** - 12/29 1658 - Over/under WHKW; ad string in Spanish, La Mega jingle into salsa music. **(BC-NH)**
- 1230 WGUY ME Veazie** - 12/15 1620 - "I Heard it through the Grapevine," "Slip Sliding Away," then "the music that you love - WGUY" ID into more oldies. **(TF-NH)**
- WBLQ RI Westerly** - 12/18 0601 - Male announcer with clear ID: "1230 AM WBLQ, a Diponti Communications Radio Station," then into news on the hour. **(JW-PA)**
- 1240 WEZR ME Lewiston** - 12/14 1634 - Rock music, ID for 105.5 on which WEZR simulcasts, about ten minutes more of rock, then "You're listening to WEZR" ID, soon lost in the mess. **(TF-NH)**
- WGVA NY Geneva** - 12/24 0707 - Over the mush with "Finger Lakes News Network" local news and weather. **(MKB-ON)**
- +++ - 11/6 1600 - Weather forecast and legal ID: "95.9 and 1240 WGVA Geneva. Finger Lakes News Radio" into CBS Radio news. **(REH-ON)**
- WTPS VA Petersburg** - 12/22 0600 - Legal ID: "99-5 and 102-7 ESPN" by woman; followed by male "WTPS Petersburg" into "Golic and Wingo on ESPN and ESPN2." Previously logged as WSSV in November 1973. **(REH-ON)**
- WVNE WV Elkins** - 12/23 1900 - Nostalgia music, ToH ID, to Fox news. **(DY-VA)**
- 1250 WARE MA Ware** - 12/3 1933 - Ad for Marta's Insurance in Chicopee, "Merry Christmas from everyone at Real Oldies 1250" slogan, "Dream the Impossible Dream" WARE musical sounder, into a long sweep of oldies, way atop frequency. **(TF-NH)**
- 1270 WLBR PA Lebanon** - 12/25 0725 - Over WHLD/WXYT mix with promo for Sean Hannity show "right here on WLBR" into choral version of God Rest Ye Merry Gentlemen. **(MKB-ON)**
- 1280 WONW OH Defiance** - 12/26 1800 - "This is News Talk AM 12-80 WONW," to Fox news, clear in jumble. **(DY-VA)**
- CFMB QC Montréal** - 12/18 2018 - Atop frequency with classical music, female announcer in EE: "this is the classical music service on CFMB" into more music. **(TF-NH)**
- 1300 WLXG KY Lexington** - 12/23 2100 - Break in sports coverage, ID, fair but clear in the mix. **(DY-VA)**
- WMTN TN Morristown** - 12/18 0719 - Very good with birthday and anniversary greetings, ads for College Park Pharmacy and Ultramet, "Your station for classic country and NASCAR, Country Legends 93.3" slogan. **(JK-WV)**
- 1350 WINY CT Putnam** - 12/29 0719 - Over the pile with ad for Longmeadow Automotive, promo for Patriots football "here on WINY 1350 AM." **(MKB-ON)**
- KRNT IA Des Moines** - 12/27 1658 - "ESPN Des Moines" promos. ToH ID: Des Moines' sports leader, KRNT Des Moines, 1350-ESPN simulcasting on 102 point 1 FM". **(NjW-ON)**
- WHWH NJ Princeton** - 11/23 1759 - Over usually unstoppable WARF-Akron with religious music in Spanish and liner: "Una familia de Verdad; trece cincuenta AM." **(REH-ON)**
- 1360 WNJC NJ Washington Township** - 12/18 2040 - Long cluster of Christmas music selections, then "Merry Christmas from the all new WNJC 1360" ID into rap music (what a combination!). **(TF-NH)**
- 1370 WGCL IN Bloomington** - 12/23 1701 - Generally atop with Colts football on the "One America" network, station break and legal ID. Dominant most of the evening. **(DY-VA)**
- +++ - 12/25 1819 - ad for Red Frazier Bison at 840 West 17th Street, "WGCL Bloomington" ID out of mix. **(JK-WV)**
- 1390 KXSS MN Waite Park** - 12/9 0858 - Weather forecast "on St. Cloud's sports leader on AM 1390 Granite City sports," ID as "You're listening to AM 1390 KXSS Waite Park-St. Cloud broadcasting live from the Roto-Rooter St. Cloud studios." Don't know how "live" they were because after a couple of ads they had another ID at the ToH: "Dan Barreiro weekdays 3 to 6:30 from the KFAN Bryant Heating and Cooling studios. FM 100.3 KFXN Minneapolis-St. Paul, the Fan." Very good with no sign of the usual WNIO in Youngstown, OH. **(REH-ON)**



- 1400 WMAN OH **Mansfield** – 12/25 0700 – ToH ID and ABC news. (NjW-ON)
- 1410 WRMN IL **Elgin** – 12/21 1759 – While trying for one last logging of soon to be defunct KQV, noted with website promo “...right here at WRMN1410.com.” (MKB-ON)
- CJWI QC **Montréal** – 12/18 1953 – French, animated announcer, good signal mixed with WPOP, WZBR and others. (TF-NH)
- 1420 WIMS IN **Michigan City** – 12/23 1900 – Legal ID, CBS news, good and mostly atop. (DY-VA)
- WRSA VT **St. Albans** – 12/26 0559 – Good; “Business Radio WCAT Burlington-Plattsburg, W252CJ Burlington,” no mention of WRSA. (BC-NH)
- 1430 KNSP MN **Staples** – 11/15 2100 – A rare one over usual dominants WXNT-Indianapolis and CHKT-Toronto with legal ID: “AM 1430 KNSP Staples-Wadena, the Fan” into ESPN SportsCenter. (REH-ON)
- 1440 WBOW IL **Paris** – 12/6 1900 – On top with legal ID: “The [thee] Talk Station 1230 and 97-9 WIBQ Terre Haute and 1440 WBOW Paris...it’s 7 o’clock,” into Fox News. Previously logged as WPRS in July 1962. (REH-ON)
- 1450 WHNK WV **Parkersburg** – 12/1 1700 – Nicely over semi-local WLEC Sandusky, OH with legal ID: “The Mid-Ohio Valley’s source for inspiration and information, Faith Talk 1450...on air at WHNK-AM 1450 Parkersburg and W300AQ-FM 107.9 Williamstown...online at www.faithtalk1450.com” into USA Network news. Appears WHNK now has taken over the W300AQ translator. It had belonged to WVVP-LPFM 96.1 in Marietta Ohio which has gone silent. WHNK previously logged as WPAR in July 1965. (REH-ON)
- CFAB NS **Windsor** – 12/26 1700 – Fair; “CFAB Windsor, an MBS radio station,” and country music. (BC-NH)
- 1460 WHIC NY **Rochester** – 12/19 1803 – Wiping out usual CJOY groundwave with EWTN news into “Catholic Answers Live.” (MKB-ON)
- WGMF PA **Tunkhannock** – 11/29 1600 – Legal ID: “Your home for the greatest hits of the 60s, 70s and 80s, WGMF Tunkhannock, WZMF Nanticoke-Wilkes Barre. Gem 104.” Previously logged as WEMR in May 1989. (REH-ON)
- 1480 WPFJ NC **Franklin** – 12/16 2140 – Trying to ID station playing old time radio show (maybe It’s a Wonderful Life?), heard clear ID pop up in the station mix “1480 WPFJ” then lost. Poor momentarily in station mix with WDJO, WTOX and mystery station. (PS-ON)
- 1500 WSEM GA **Donalsonville** – 12/16 0458 – Nonstop mostly traditional Christmas vocals with occasional male canned “WMGR 930 and WSEM...99 point 3... Your new home for contemporary Christian favorites” (and variants of). Smashing WFED hard despite only 1000 watts, and again violating their D1 license. (TLK-FL)
- 1510 WRNJ NJ **Hackettstown** – 12/20 1940 – First time heard, playing a combination of rock music and easy listening, then male announcer with “Biggest hits of the 1970’s to today here on ‘RNJ” into more music. Atop frequency with 230 watts from its nighttime four tower antenna system, frequency is interesting with Boston’s WMEX silent. (TF-NH)
- WFAI NJ **Salem** – 12/3 1942 – Another first time logging, weak signal with Black gospel music, followed by male announcer with “Faith 1510 and 93.7” slogan into more gospel music. Signal is very directional southeast from four towers including one in the middle of the station’s driveway in Salem. Daytime-only station presumably on past local sunset. (TF-NH)
- +++ - 12/26 0600 – Fair; “1510 WFAI Salem, 93.7 HD3 WSTW Wilmington.” (BC-NH)
- 1570 WCCM MA **Methuen** – 12/26 1700 – SS music, EE ID for WCCM and W287CW-105.3, good and atop. Ex-WMVX for me. (DY-VA)
- 1580 WVOK AL **Oxford** – 12/17 0619 – Automated Classic Oldies Rock (Linda Ronstadt, Led Zeppelin, Don McLean, Bee Gees) and a Country semi-local (Bobby Jewel), just a Country (Blake Shelton) and a quasi-Hair Band (Tesla). Male canned “A-M 15-80, WVOK, Oxford” ID at 0700 immediately into old time Country/Bluegrass Gospel vocals (on a local Sunday). At least they’re back on frequency after a spell just below 1580. (TLK-FL)
- WIOL GA **Columbus** – 11/11 2100 – High school football and outdated ID: “WEAM Columbus, WIOL Greenville...Columbus Sports Radio.” (REH-ON)

- WDAB SC Travelers Rest** – 12/16 0556 – Mexi-tunes and occasional male canned “Ke Buena 15-80 A-M.” Male EE ID at 0557 as “WDAB...Columbus and Greenville.” Not to be confused with WLAA, Bithlo, FL (D1) which is also phonetically the same (“Que Buena”) and strong by sunrise on the frequency, and also with Mexi-tunes, sometimes sloganing as “La Jefa Que Buena.” WPMO with CBS Sports co-channel, then by 0620, WTCL Christian talk co-channel followed by WLAA dominating. Presume, like so many others, not operating pre-sunrise proper power. **(TLK-FL)**
- CKDO ON Oshawa** – 12/16 1728 – Well on top with pop Christmas music; “Tis the season with your Christmas station CKDO” ID. **(HF-MI)**
- 1590 WHLX MI Marine City** – 12/26 1200 – Semi-local which had been // to WHLS-1450 Port Huron, MI as “Rock 105.5” has flipped over to its other co-owned “Radio First” station WPHM-1380. New legal ID on both WPHM and WHLX: “WPHM Port Huron, WHLX Marine City and worldwide at WPHM.net.” **(REH-ON)**
- WAKR OH Akron** – 12/16 1729 – Local sports talk show, “15-90 WAKR Akron” and other call IDs during break. Main peaker in the mix. USB helped with CKDO-1580 splash. I’d really like to find who was carrying the Marshall v. Colorado State football game. No logical stations listed on 1590 to cover the Marshall Thundering Herd. Ethnic station also popping up; probably WCGO Evanston, IL. **(HF-MI)**
- 1600 WEJS PA Jersey Shore** – 11/26 1800 – Over WAAM-Ann Arbor with legal ID: “News and talk WEJS Jersey Shore and W281AR Williamsport...online at talkwilliamsport.com, NewsTalk 104.1 WEJS” into Fox Sports. Previously logged as WJSA in May 1989. **(REH-ON)**
- 1630 KCJJ IA Iowa City** – 12/24 0607 – “...Your radio station, KJCC” over and under WRDW and KKGm. Local news on robberies and arrests, city council set to approve a new mayor, Iowa Hawkeyes score. **(TLK-FL)**
- 1650 KFSW AR Fort Smith** – 12/16 0706 – Twisting the loop out of XEARZ, which was playing an instrumental “Stranger in Paradise,” noted English pop-ish vocals. Paralleled to the KFSW Life 98.7 Streema feed. “It Feels Like New Year’s Day” by Christian pop-tart boys band Abandoned. Quickly became threshold by 0715, with the I-275 Tampa HAR and WHKT dominating. **(TLK-FL)**
- 1680 WOKB FL Winter Garden** – 12/27 0201 – For what it’s worth, noting Haitian kreyol in the sometimes overnights here. Woman alternating babble between coughing spells, lots of mentions of “Kanada” whatever the context of that was. Still in kreyol in the 0300 hour. **(TLK-FL)**
- WTTM NJ Lindenwold** – 12/17 0520 – Cuban-accented Spanish man with news items. Checking the Cuban national nets, not parallel. Then into Spanish mostly romantic ballads from 1031. Finally, Male English canned “WTTM, Lindenwold-Philadelphia” at 0600 and back to vocals. Over and under WOKB (Urban Gospel). First time here, in fact probably the first NJ log from here. Slogan is listed as Radio Unika, and simulcast WHWH-1350 (which Craig Cook in Central Florida was able to parallel weakly upon me sending out an alert regarding 1680). Here, only a strong Radio Ciudad del Mar occupying 1350. Running day power, or just decent propagation today? **(TLK-FL)**



Unreported Domestic Stations

Several stations reported to DDXD this issue were reported for the first time in more than a decade – but none for the first time this century. So we hold at 390 currently licensed stations in the United States and Canada that haven’t been reported to DDXD since at least Volume 67 (1999-2000). The full list was last printed in issue 84-18. Can you log and report one next issue?

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 – West

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

For loggings of U.S. and Canadian stations by DXers in Central/Mountain/Pacific time zones

All times are Eastern Local Time (ELT)

REPORTERS

- GH-OK** **Glenn Hauser, Enid** – 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; IC-R75 with E-W longwire.
- WH-CO** **Wayne Heinen, Aurora** – Drake R8B, E/W Flag, N/S Flag TG-1 Termination Gizmo and Mini DXP5.
- WH1-CO** **Wayne Heinen, Aurora** – SDRPlay RSP2 Pro E-W Flag.
- JR-OK** **John Reed KA5QEP, Shawnee** – NRD-525 modified with 7 KHz Roofing filter, quiet display power supply and ESKA tail filter board, AR7030 with added filters; Homebrew tuned ferrite loop, Clifton Labs active whip, DX engineering NCC-1 phaser.
- JJR-MI** **John J. Rieger, South Milwaukee WI** – Grundig Satellit, Terk AM1000 loop.
- JDS-MN** **Jeff Steffes, Watertown** – Drake R8, Kenwood R-2000, Panasonic RF 2200, Panasonic RF 4900, Quantum QX Loop v2.0, Quantum Phaser, Quantum QX Loop, modified.
- JW-CO** **John Wilkins, Wheat Ridge** – Drake R-8, 4-foot box loop.

DX LOGGINGS

- 600 KSJB ND Jamestown** – 12/16 0817 – Weather, call letter ID, C&W music, DJ babble. Fair/good signal but always under KCOL. **(JW-CO)**
- 680 KFEQ MO St. Joseph** – 12/16 0559 – Out of conspiracy show, into commercials for Bull and Branch sheets, Creator 7 Software. Followed by “This is 6-80 KFEQ St. Joseph. The talk of St. Joseph.” **(JDS-MN)**
- 690 CBKF-1 SK Gravelbourg** – 12/16 0610 – Male and female announcers conversing in French. The only French-speaking station on this frequency as reported by the NRC *AM Log*. **(JDS-MN)**
- 730 CKDM MB Dauphin** – 12/24 0505 – Ending local weather, “CKDM Dauphin.” **(WH-CO)**
- 750 WSB GA Atlanta** – 12/16 0636 – “The Lawn and Garden Show with Walter Reeves on AM 7-50 WSB, brought to you by Pike Nurseries.” Into the Lawn and Garden Show. **(JDS-MN)**
- ++ 12/28 0100 – Out of local spots, WSB-FM 95.5 and WSB-750 ID’s, to WSB News. **(WH-CO)**
- KMMJ NE Grand Island** – 12/28 *0600 – Sign-on with “KMMJ 750 and K282BR-104.3 Grand Island,” up over WSB/CKJH, then SRN News **(WH-CO)**
- KOAL UT Price** – 12/28 0859 – “This is NewsTalk 107.3 FM and 750 AM KOAL Price,” to PSA, then ABC News. **(WH-CO)**
- CKJH SK Melfort** – 12/16 0643 – Out of commercial for 2018 Subaru Legacy. “The classic hits you like free. Radio Play Canada. Download the app today. Another way to enjoy Classic Hits CK 7-50.” **(JDS-MN)**
- ++ 12/27 2356 – Community Calendar on “CK 750” **(WH-CO)**
- 760 WJR MI Detroit** – 12/28 2303 – Break in Holiday Bowl FB on the Spartans network, “The Voice of the Great Lakes NewsTalk 760 WJR Detroit.” Local KDSP phased. **(WH-CO)**
- 790 KNST AZ Tucson** – 12/24 2003 – “Heard every morning right here on AM790 KNST.” **(WH-CO)**
- KURM AR Rogers** – 12/24 2358 – KURM legal ID and “kurm” full-data sign-off. **(WH-CO)**
- WKRD KY Louisville** – 12/25 0056 – “Ho Ho Ho Merry Christmas from Cards Radio WKRD Radio Louisville, an IHeart Radio Station.” New for me and taped. **(WH-CO)**
- KBME TX Houston** – 12/24 2156 – “... your home of the Houston Astros SportsTalk 790...” No call ID noted all morning. **(WH-CO)**
- KFYO TX Lubbock** – 12/16 0704 – Out of ABC News. Into commercial for I Love My Pillow. Followed by “KFYO. Coming up on KFYO Morning” **(JDS-MN)**
- ++ 12/25 0300 – “NewsTalk 95.1 is KFYO 790 and K236CP Lubbock; it’s 2 o’clock,” to ABC News. **(WH-CO)**



- 810 WHB MO **Kansas City** – 12/16 0714 – Commercial for King City Lumber, sponsor of the Midwest Outdoor Show. Followed by “This is Sports Radio 8-10, WHB.” (JDS-MN)
- 850 KOA CO **Denver** – 12/16 0718 – Commercial for The Shane Company jewelers, and Loan Star Transfer. Followed by “KOA News Radio 8-50 AM and 94.1 FM. Welcome back to Perspective.” (JDS-MN)
- 920 CFRY MB **Portage la Prairie** – 12/16 0734 – Out of local news with references to Portage la Prairie. Followed by Portage-on-line sports. Then weather forecast as fading out. (JDS-MN)
- 930 KKIN MN **Aitkin** – 12/2 1757 – “Adult Standard 9-30 AM.” Into song: We’ve Got Tonight, Bob Seeger. Followed by “KKIN 9-30, Aitkin, Minnesota.” (JDS-MN)
- WLBL WI **Auburndale** – 12/16 0738 – “Wisconsin Public Radio, wpr.org, AM 930, FM 99.1, and 100.9. The Ideas Network WLBL, Auburndale-Stevens Point.” (JDS-MN)
- 940 WFAW WI **Fort Atkinson** – 12/22 1832 – Out of news, into weather ending with “I’m meteorologist ... on 9-40 WFAW, right now it’s 31.” (JDS-MN)
- CJGX SK **Yorkton** – 12/22 1803 – Regional weather forecast with mention of Brandon, and Dauphin, followed by regional sports with references to Yorkton and Saskatchewan, and “Well, that’s it. That’s all of your GX94 sports calendar for Friday, December 22.” (JDS-MN)
- 960 KMA IA **Shenandoah** – 12/22 1852 – Commercials for Castle Ridge Winery and Tri-State Ford-Lincoln in Maryville. Followed by “Good evening from KMA. On this Friday, time to take a look at the latest funeral information” (JDS-MN)
- 970 KCFO OK **Tulsa** – 12/18 1900 – Legal ID: “Your station for encouraging teaching and ... You’re listening to AM 970 KCFO Tulsa, AM 970 KCFO” and into “New Life Live” program. Fair in QRM. (JW-CO)
- 990 KRKS CO **Denver** – 12/21 1750 – Religious talk with Denver ads, IDs as “990 the Word,” with SRN news. Over/under SS stations. New here. (JR-OK)
- 1050 KTBL NM **Los Ranchos de Albuquerque** – 12/16 2200 – Out of talk, “KTBL Los Ranchos,” to WW1 news (WH-CO)
- KFIO WA **Dishman** – 12/14 1850 - Last part of “Unchanging Word” program in progress; multi-station legal ID for the American Christian Network at 1857 for AM’ers KFIO Dishman-Spokane-Coeur d’Alene, KYAK Yakima, and KTBI Ephrata, plus 3 FM’ers; signal disappeared about a minute later, presumably the sunset power cut. A needed call change here, last heard as KEYF. Fair peaks with no XEG QRM until a bit later. (JW-CO)
- 1320 WGOE TN **Kingsport**- 12/26 0734 – Fair; time check “here in Grey” and “GOC.” Logged in 1985 as WKIN. Rare! (JJR-WI)
- 1330 KNSS KS **Wichita** – 12/26 0748 – Poor; 25 degrees Fahrenheit, in with unID sports (WTRX?) and REL (WBGW?). Calls finally at 0754, atop. (JJR-WI)
- 1340 KGGS KS **Garden City** – 12/24 0759 – Man with simple legal ID at 0759:52. Poor copy in KDCCO null but a new one, KS #54. This was my closest unheard station!! That honor now goes to KTMP in Utah, also on 1340, at 338 miles. (JW-CO)
- KICK MO **Springfield** – 12/20 1540 – Fading with financial talk with Dave Ramsey along with call ID. Heard in phase null of KGHM, Midwest City OK, which is strong here. (JR-OK)
- 1370 KWRT MO **Boonville** – 12/19 0810 – Spot for Edward Jones, followed by call letter ID and police blotter. Briefly fair but soon faded. A new one here, MO #57. (JW-CO)
- 1380 KLIZ MN **Brainerd** – 12/16 1800 – LID as “KLIZ-AM Brainerd-Baxter.” Poor under KOTA with local noise. (JW-CO)
- WKJV NC **Asheville** – 12/26 0808 – Poor with time check, sounded like station address “here in Asheville,” REL. (JJR-WI)
- 1420 KOTK NE **Omaha** – 12/21 0903 – News from Town Hall in progress, followed by Omaha weather and an ID only as “94.5 FM and 1420 AM the Answer.” Fair at best but not much QRM. (JW-CO)
- 1440 WGEM IL **Quincy** – 12/13 1859 – Quincy ad; program note for “Raider Report” with Quincy Notre Dame High School head coach Kevin Meyer; pause at 1859:50 but no LID inserted, just dead air. Fair and alone for a few minutes; ESPN followed, I think. (JW-CO)
- 1460 WJTI WI **West Allis** – 12/26 0726 – Fair with nonstop open carrier, first noticed 12/6! Unreal; an open carrier for 3 weeks. The FM 97.9 is fine! (JJR-WI)

- 1480 KBXD TX Dallas – 12/25 2100 – Out of SS music, “Radio Vida” and KBXD in accented EE. (WH1-CO)
- 1490 KKAN KS Phillipsburg – 12/19 1745 – Weak in a jumble of stations, but heard singing ID, then the signal was lost. New here. (JR-OK)
- 1540 KGBC TX Galveston – [1540.12] – 12/20 2020 – Off-frequency again, making a big het with 1540.0 stations, and shortly at 2023: “We’ve got you covered” on 1540, naming three more suburbs. I wonder how many separate announcements they have like this? Houston has *lots* of suburbs, but how well 1540 and 1480 cover them, especially at night, is debatable, and Siga is obviously having a hard time drumming up business. (GH-OK)
- 1550 KUAZ AZ Tucson – 12/25 1900 – Out of NPR, “1550 & 8989 FM KUAZ.” (WH1-CO)
 KXEX CA Fresno – 12/11 2158 – “Esta es KXEX Radio Guadalupe La Misionera” (WH-CO)
- KYAL OK Sapulpa – 12/13 2357 – ESPN to multi station “Sports Animal” ID. (WH-CO)
- 1560 KBEW MN Blue Earth – 12/23 0959 – Weather (7 degrees), CST time check, short events calendar, then LID: “You’re listening to the right(?) news and information station. This is KBEW Blue Earth,” followed by CBS news. Weak post-sunrise signal but no QRM. (JW-CO)
- KEBC OK Del City – 12/20 1727 – Full ID at this time: “You’re listening to NBC Sports Radio on KEBC Del City, 1560 AM The Franchise 2.” Fair and easier now that KKAA is silent. (JW-CO)
- KGOW TX Bellaire – 12/15 2358 – Out of Vietnamese talk by female, “KGOW 1560 AM Bellaire Houston” in accented EE. (WH-CO)
- 1570 KAKK MN Walker – 12/19 0959 – ID as “KQKK-KAKK Walker. It’s 9:00,” followed by news from Minnesota News Network and local weather at 1002. Not strong but good post-sunrise copy for nearly half an hour. Mixing with KVTK, also weak. Another new one, MN #60. (JW-CO)
- KTUZ OK Catoosa – 12/20 0953 – Mexican tunes, “La Zeta” slogans, Tulsa area ads; LID came at 1000:45: “KTUZ Catoosa-Tulsa La Zeta 15-70 AM, 101.9 FM” Last heard ages ago as KMYZ Pryor. Not strong but surprisingly readable for 1000 watts, 90 minutes past their sunrise. (JW-CO)
- 1580 WJFK MD Morningside – 12/26 0723 – Fair at 40+/S9! Thus, no CKDO. Veterans news, new format, ex-SPT. (JJR-WI)
- 1590 KDAV TX Lubbock – 12/22 2000 – Out of Christmas music, “AM 1590 KDAV Lubbock The Spirit.” (WH-CO)
- 1710 Pirate -- 12/18 0130 and 12/22 0810 – Screaming gospel huxter in Spanish, so typical Retén lo que Tienes, pirate from Baton Rouge LA, poor signal. (GH-OK)

NOAA Space Weather Outlook

Issued December 25, 2017 – For the period December 25, 2017-January 20, 2018

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

Solar activity is expected to persist at very low levels throughout the 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 26-30 Dec, 02-06 and 14-19 Jan. Normal and normal to moderate greater than 2 MeV electron flux values are expected throughout the remainder of the forecast period.

Geomagnetic field activity is likely to reach G1 (Minor) geomagnetic storm levels on 01 and 13 Jan with active levels expected on 25 Dec and 02, 08, 14 and 20 Jan under the influences of multiple, recurrent CH HSSs. Quiet and quiet to unsettled conditions are expected throughout the remainder of the forecast period.

Follow @NRCDXNews on Twitter!



Twitter can be used to disseminate hot MW DX tips to the DX community

To read tips: go to www.twitter.com and search for #mwdx

To send tips, write a tweet (140 characters max) and include the tag #mwdx

International DX Digest

Bruce Conti, 46 Ridgefield Drive, Nashua NH 03062-1174, contiba@gmail.com

For loggings of outside the U.S. and Canada

All times are Universal Coordinated Time (UTC)

TRANS-ATLANTIC DX

- 531 **ALGERIA** *Jil FM*, F'kirina Wilaya d'Oum El Bouaghi DEC 24 0458 – Good; choral marching band national anthem in progress at tune in, while 549 parallel was wiped out by a strong 550 WGR. [Conti-NH]
- 549 **ALGERIA** *Jil FM*, Sidi Hamadouche DEC 23 2300 – Good; Middle Eastern guitar set to techno beat continued through the hour without an ID break, parallel a weak 531 kHz. DEC 29 0558 – Good; choral marching band national anthem parallel 531 kHz. [Conti-NH]
- 693 **UNITED KINGDOM** *BBC Radio 5*, Droitwich et al. DEC 26 1000 – Weak het against CKGM; presumed BBC5. Weak 1089 *TalkSport* and 1215 *Absolute Radio* also observed. [Conti-NH]
- 1017 **SPAIN** *RNE5 Burgos//Granada* DEC 24 2200 – Fair; pop/rock vocal leading up to talk, parallel 1107 kHz. [Conti-NH]
- 1044 **SPAIN** *SER San Sebastián//Valladolid* DEC 24 2138 – Good with synchro echo; talk interspersed with segments of music. [Conti-NH]
- 1053.1 **LIBYA** *R.Libya al-Wataniya*, Tripoli DEC 23 2330 – Loud het against 1053 *TalkSport*; after recently being close to nominal, now back to previous offset frequency, measured 1053.101 kHz. [Conti-NH]
- 1089 **UNITED KINGDOM** *TalkSport* synchros DEC 23 2300 – Good, but with heavy synchro echo; “On digital radio, and 1089 and 1053 AM, *TalkSport*,” and news by a woman. DEC 26 1000 – Weak het against 1090 WBAL; presumed *TalkSport*. [Conti-NH]
- 1125 **SPAIN** *RNE5* synchros DEC 24 2134 – Good; “Radio Nacional de España” mentioned in discussion parallel 1107 kHz. [Conti-NH]
- 1215 **UNITED KINGDOM** *Absolute Radio* synchros DEC 26 1000 – Weak signal observed on spectrum analyzer; presumed *Absolute Radio*. DEC 29 2053 – Fair; “Come Back and Stay” by Paul Young, “This is Absolute, Absolute Radio,” into ad string beginning with Gumtree. [Conti-NH]

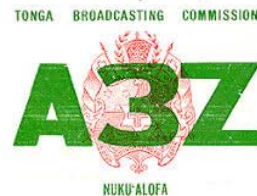
PAN-AMERICAN DX

- 539.86 **NICARAGUA** *R.Corporación*, Managua DEC 24 1100 – Sign-on; carrier popped up just before 1100 UTC, throwing a het against CBT and WFLF. [Conti-NH]
- 750 **VENEZUELA** YVKS, RCR, Caracas DEC 26 0959 – Over/under WSB; promo, “porque lo bueno une” slogan. [Conti-NH]
- 770 **CUBA** *R.Artemisa*, Artemisa DEC 26 1059 – Under WABC; choral national anthem. [Conti-NH]
- 860 **CUBA** *R.Reloj*, Jovellanos//Bolondrón DEC 25 0213 – Fair for a few minutes with *R.Reloj* programming over a very weak CJBC. New. [Hayes-PA]
- 950 **CUBA** *R.Reloj*, Arroyo Arenas//Camagüey-Isábel Hortensia//Santiago de Cuba-Frente DEC 23 2300 – Loud wobbling and distorted RR Morse code. [Conti-NH]
- 1060 **MEXICO** XERDO *La Raza 1060*, Reynosa, Tamps. DEC 24 1206 – Canned “La Raza 1060” by man between Mexi-tunes. [Krueger-FL]
- 1110 **MEXICO** XERED *R.Red*, México, DF DEC 27 0739 – Male Mexico political talk, WBT mostly nulled, but some *R.Angulo* Cuba still present. [Krueger-FL]
- 1120 **MEXICO** unID DEC 27 0805 – Presume a Mexican, though not positive, however nothing U.S. appears to fit the format. Mostly Spanish romantic ballads, roughly pointing south/southwest and some KMOX co-channel still. Brief breaks 0929, 0937 and 0948, a couple times seemed to mention “La Invasora” or similar, though may not have been a slogan (and no Mexican or other Latin Americans located with that slogan). Audible daily until around 1200 fade. DEC 28 1147 – Spanish male and female chatter, one Mexi-tune. No Mexican anthem noted 1000, 1100 or 1200 thus far. [Krueger-FL]
- 1620 **CUBA** *R.Rebelde*, La Habana-El Sapo//Amancio//El Coco//Guantánamo-Antiguo DEC 21 0118 – Asserting thrice, “Armando y... en Concierto!” Good modulation and not parallel 5025 kHz. I suppose the MW outlet has switched to Rebelde FM feed as it often does. [Hauser-OK]



TRANS-PACIFIC DX

- 846 **KIRIBATI** *R.Kiribati*, London, Christmas Island DEC 17 0707 – JBA carrier from presumed *R.Kiribati*. DEC 18 0629 – JBA but steady carrier. Walt Salmaniw in Victoria BC says he is “seeing” it as early as 0300ish. Now visiting Hawaii, Gary DeBock tells IRCA Dec 17: “846 Christmas Island is by far the strongest DU here in Kona, but it seems to have a serious issue with the transmitter cutting out intermittently.” DEC 20 0704 – Reliable JBA but steady carrier. DEC 21 0528 – JBA carrier, but not heard at next check 0611 UTC. [Hauser-OK]
- 1017 **TONGA** A3Z *R.Tonga*, Nuku’alofa DEC 20 1134 – JBA carrier vs 1020 splash, presumably *R.Tonga* now reported to be leaving its carrier on all night. But there are also Christchurch and Sydney stations on 1017 kHz. [Hauser-OK]
- 1098 **MARSHALL ISLANDS** V7AB Majuro DEC 19 1333 – JBA carrier on the R75 with east-west long wire, no doubt V7AB, which leaves it on all night, after sign-off circa 1130(?). I was first checking 1017 kHz for Tonga which reportedly just started doing the same, but could not detect it. (846 Kiritimati signs off much earlier and does not leave carrier on, so no sunrise DX from it.) [Hauser-OK]

CONTRIBUTORS

Bruce Conti WPC1CAT, Nashua NH; WiNRADiO Excalibur, MWDX-5, variable termination Super/Ewe antennas 15 x 23-m at 60° northeast and 180° south.
 Glenn Hauser, Enid OK; NRD-545 with ALA-330S or north/south not very long wire, DX-398 or PL-880 with internal antenna only, sometimes IC-R75 with ~100-ft east/west longwire.
 Harry Hayes, Wilkes-Barre PA; C.Crane Skywave, Kiwi Pocket Loop.
 Terry L. Krueger, Clearwater FL; NRD-535, IC-R75, long wires, active loop.

73 and Good DX!

FCC Silent Station List

118 stations on the FCC web site as of December 29, 2017 – often less than 100% accurate.

580	KANA-MT	WMMG-KY	WIVV-PR	1510	WMEX-MA
730	WLTQ-SC	WQII-PR	1380	KDXE-AR	WBSG-PR
740	KCMC-TX	1170 WKFL-FL		KQKD-SD	1520 WRSJ-PR
790	KKON-HI	WCXN-NC	1400	WFL-FL	1530 WOBX-NC
810	WKVM-PR	1190 KJJI-AR		WZAZ-FL	WZTE-PA
820	WTNW-TN	1210 WDGR-GA	1410	WIQR-AL	KVOG-Guam
850	KHLO-HI	WLRO-LA	1420	WUKQ-PR	1540 WKDG-AL
880	WAMI-AL	1220 WLS-VA	1430	WNEL-PR	WJZI-IN
910	KLCN-AR	1230 WRJX-AL	1440	KPTO-ID	WKXG-MS
	KWDZ-UT	WMAF-FL	1450	WCOX-AL	WDCD-NY
940	KCOE-OR	WNIK-PR		KQTE-CA	WIBS-PR
960	WDNO-PR	1240 WULA-AL		WMFJ-FL	1550 KWRN-CA
980	WWKY-KY	WNBZ-NY		WBVA-VA	WUSP-NY
990	KZZB-TX	KRAL-WY	1460	KHRA-HI	1560 KKA-SD
1000	WJBW-FL	1260 KBHC-AR		WATD-MA	WBYM-PR
1020	WHDD-CT	1270 WMDG-GA		WPON-MI	1570 WFTU-NY
	WLVJ-FL	WMLC-MS	1470	WPNS-AL	WQTW-PA
1040	WNVI-PR	1280 WSUX-DE		KAIR-KS	1580 WLIM-NY
1050	WBVG-NY	WCPM-KY	1480	WDXW-AL	WVOZ-PR
1060	KTNS-CA	1290 WJBI-MS		KPHX-AZ	1590 WRXB-FL
	WIXC-FL	1300 WOSW-NY		WVOI-FL	WPUL-FL
	WGSB-NC	KLLS-TX		WRCK-NY	WGGO-NY
1070	WKMB-NJ	1320 KNIT-UT		WQTM-NC	WABV-SC
1080	WONS-KY	1330 WSPQ-NY		KNTB-WA	1600 WXYM-VA
1090	WUVI-VI	1340 KJMU-OK	1490	WIRB-AL	WCMA-PR
1100	WCGA-GA	KOLE-TX		WSTP-NC	1660 WGIT-PR
1110	WMUX-WV	1350 KUSG-Guam		WVGB-SC	1690 WIGT-VI
	WVJP-PR	1360 WHCG-GA		KJNT-WY	1700 WRCR-NY
1130	WALQ-AL	WHJC-WV	1500	WKIZ-FL	
1140	WNWF-FL	1370 KFRO-TX		WQMS-MS	

Pro Sports Networks

Barry Finkel, 10314 S. Oakley, Chicago IL 60643-2409, bsfinkel@att.net

Here is 2017/2018 National Basketball Association (NBA) flagship information from the Internet. Many web pages did not list the announcers' names. And most of the network station lists are not dated, so I cannot be sure that the lists are current for this season; the same is true for announcer names. All of the team sites on www.nba.com have a three-horizontal-line menu icon, but on some of the team sites, this icon does not work. But ... all the nba.com web pages have a "do not reproduce" notice in the footer, so I am unable to reproduce those lists here. I list URLs, so you can download your own lists. This flagship list may not contain information on all the Spanish language broadcasts. Nor do I have all the "conflict" stations. Some of the teams' Media Guides have the flagship stations and announcers for each of the NBA teams; I am not sure if this information is accurate and/or complete.

Please send me any URLs to network lists you may have, as well as any additions and/or corrections to the information below. Thanks.

d = network list downloaded

- Network list not located, but one downloaded last season

n = no network list found

* = Last year's announcers.



d Atlanta Hawks	92.9	WZGC-GA		Steve Holman, Mike Conti
n Boston Celtis	98.5	WBZ-MA	a	Sean Grande, Cedric Maxwell
	100.7	WZLX-MA	a	
n Brooklyn Nets	660	WFAN-NY	b	Chris Carrino, Tim Capstraw
	101.9	WFAN-NY	b	
	880	WCBS-NY	b	
n Charlotte Hornets	610	WFNZ-NC		Steve Martin
d Chicago Bulls	890	WLS-IL	EE	Chuck Swirsky, Bill Wennington, Steve Kashul
	1200	WRTO-IL	SS h	Omar Ramos, Matthew Moreno
d Cleveland Cavaliers	1100	WTAM-OH	EE	John Michael, Jim Chones, Mike Snyder
	100.7	WMMS-OH	EE	
	87.7	WLMS-OH	SS	Rafael Hernandez Brito
d Dallas Mavericks	103.3	KESN-TX	EE	Chuck Cooperstein, Brad Davis
n	1270	KFLC-TX	SS	Victor Villalba
d Denver Nuggets	950	KKSE-CO		Jason Kosmicki
d Detroit Pistons	97.1	WXYT-MI		George Blaha, Mark Champion, Rick Mahorn
	950	WWJ-MI	c	
d Golden State Warriors	95.7	KGMZ-CA		Tim Roye
n Houston Rockets	790	KMBE-TX	EE	Craig Ackerman, Matt Thomas
	740	KTRH-TX	EE c	
	99.1	KODA-TX		
	93.7	KQBT-TX		
	850	KEYH-TX	SS	Adrian Chavarria
d Indiana Pacers	1070	WFNI-IN		Mark Boyle, Bob "Slick" Leonard, Eddie White
	93.5	W228CX-IN		
	107.5	W298BB-IN		
n Los Angeles Clippers	570	KLAC-CA	EE	Brian Sieman, Ralph Lawler, Isaac Lowenkron
	1330	KWKW-CA	SS b	*Armando Garcia
d Los Angeles Lakers	710	KSPN-CA	EE	John Ireland, Mychal Thompson
	1330	KWKW-CA	SS	Fernando Gonzales, Jose "Pepe" Mantilla
n Memphis Grizzlies	92.9	WMFS-TN		Eric Hasseltine, Hank McDowell
	680	WMFS-TN		
- Miami Heat	790	WAXY-FL	EE	*Mike Inglis, John Crotty, Ron Rothstein, Jonathan Zaslow, Tommy Tighe
	710	WAQI-FL	SS	*Jose Paneda, Joe Pujala
d Milwaukee Bucks	620	WTMJ-WI		*Ted Davis, Dennis Krause
d Min'sota Timberwolves	830	WCCO-MN		Alan Horton, John Focke
d New Orleans Pelicans	99.5	WRNO-LA		Sean Kelley, John DeShazier
n N.Y. Knickerbockers	98.7	WEPN-NY		*Mike Crispino, Brendon Brown
d Oklahoma City Thunder	98.1	WWLS-OK	EE	Matt Pinto

n	930	WKY-OK	SS h	Eleno Ornelas
d Orlando Magic	580	WDBO-FL	EE	Dennis Neumann, Richie Adubato
- Philadelphia '76ers	97.5	WPEN-NJ		Tom McGinnis
n Phoenix Suns	98.7	KMVP-AZ	e	Al McCoy, Tim Kempton, Jon Bloom
	620	KTAR-AZ	c	
	1400	KSUN-AZ	SS	Arturo Ochoa, Jorge Moreno
n Portland Trail Blazers	620	KPOJ-OR		Brian Wheeler, Michael Holton
d Sacramento Kings	1140	KHTK-CA		Gary Gerould, Jason Ross
d San Antonio Spurs	1200	WOAI-TX	EE	Bill Schoening
n	1350	KCOR-TX	SS	Paul Castro
n Toronto Raptors	590	CJCL-ON	e	Eric Smith, Paul Jones
	1050	CHUM-ON	e	
n Utah Jazz	1280	KZNS-UT	EE	*David Locke, Ron Boone
	97.5	KZNS-UT		
d Washington Wizards	1500	WFED-DC		Dave Johnson, Glenn Consor

Here are all of the network lists that are not on nba.com nor other Turner web sites.

Atlanta Hawks Steve Holman, Mike Conti
<http://www.nba.com/hawks/tvradio/hawksradiomainpagehtml> (12/20/2017)
 This list contained only call letters and city; there were no frequencies.
 In some cases, I was not sure if both the AM and FM stations carry the games.

Chicago Bulls Chuck Swirsky, Bill Wennington, Steve Kashul
<http://www.nba.com/bulls/news/radiohtml> (12/20/2017)

Cleveland Cavaliers John Michael, Jim Chones, Mike Snyder
<https://i.cdn.turner.com/nba/nba/.element/media/2.0/teamsites/cavaliers/pdfs/2017-18-Guide-Media-web.pdf> (page 383) (12/20/2017)

Dallas Mavericks Chuck Cooperstein, Brad Davis
<https://www.mavs.com/frequently-asked-questions/broadcast-info/> (12/21/2017)
 600 KTBB-TX 1260 KSML-TX 1450 KMHT-TX 103.3 KESN-TX
 1010 KBBW-TX 1430 KEES-TX 1490 KYZS-TX

Denver Nuggets Jason Kosmicki
<http://www.altitude950.com/static-pages/affiliates/> (12/20/2017)
 930 KIUP-CO 1320 KOLT-NE 1490 KNAM-CO 98.9 KTYV-CO
 950 KKSE-CO 1340 KTMM-CO 103.1 KYDT-WY
 1010 KSIR-CO 1440 KRDZ-CO 95.1 K---CO f 106.1 KNFO-CO
 1230 KSTC-CO 1450 KAVP-CO 97.5 K248AE-CO
 1300 KCSF-CO KBFS-SD

Detroit Pistons George Blaha, Mark Champion, Rick Mahorn
<http://www.nba.com/pistons/radio.html> (12/20/2017)



Golden State Warriors Tim Roye
<http://anyflip.com/mguy/lmln> (Page 46) (12/20/2017)
 970 KESP-CA 1490 KRKC-CA 95.7 KGMZ-CA 104.9 K285FW-CA
 1350 KSRO-CA 96.7 K244AH-CA 106.3 KINS-FM-CA
 1400 KKJL-CA 92.7 KUNK-CA 101.1 K266BD-CA 106.5 K293AW-CA
 1440 KVON-CA 95.3 KRTY-CA 103.5 K278CD-CA
 1460 KION-CA KUIC-CA



Indiana Pacers Mark Boyle, Bob "Slick" Leonard, Eddie White
<http://www.nba.com/pacers/2017-18-local-tv-and-radio-listings> (12/20/2017)

Los Angeles Lakers (EE) John Ireland, Mychal Thompson
Los Angeles Lakers (SS) Fernando Gonzales, Jose "Pepe" Mantilla
http://www.nba.com/lakers/news/broadcast?ls=nav_extended_team (12/20/2017)

Miami Heat *Mike Inglis, John Crotty, Ron Rothstein, Jonathan Zaslow, tommy Tighe
<http://www.nba.com/heat/2015-16-heat-media-guide>

Last year's list was from the 2015-16 Media Guide,
<http://www.nba.com/heat/2016-17-heat-media-guide-0> (12/24/2017)

I have not found a 2017-18 Media Guide,

Milwaukee Bucks *Ted Davis, Dennis Krause
<http://www.nba.com/bucks/radio-network> (12/20/2017)

Minnesota Timberwolves Alan Horton, John Focke
<http://www.nba.com/timberwolves/fans/broadcasting> (12/20/2017)

New Orleans Pelicans Sean Kelley, John DeShazier
<http://www.nba.com/pelicans/news/broadcasting> (12/20/2017)

Oklahoma City Thunder Matt Pinto
<http://www.nba.com/thunder/radio> (12/20/2017)

Orlando Magic Dennis Neumann, Richie Adubato
<http://www.nba.com/magic/2013-14-radio-network-affiliates> (12/20/2017)
 This may be the 2013/4 season list.

Philadelphia 76ers Tom McGinnis
<http://www.nba.com/sixers/sixers-radio-network> The 2016-7 network list is still online.

Sacramento Kings Gary Gerould, Jason Ross
<http://www.nba.com/kings/schedule> (12/21/2017)

San Antonio Spurs Bill Schoening
<http://www.nba.com/spurs/2017-18-media-guide> (page 90) (12/21/2017)
 This list contained only call letters and city; there were no frequencies.
 In some cases, I was not sure if both the AM and FM stations carry the games.

Washington Wizards Dave Johnson, Glenn Consor
<http://www.nba.com/wizards/wizards-radio-network> (12/21/2017)

- a Some Boston Celtics' games will be on 98.5 WBZ-MA, and some on 100.7 WZLX-MA.
- b Some Brooklyn Nets' games will be on 880 WCBS-NY and some on WFAN.
- c Conflict station
- d RESERVED [unused]
- e Some Toronto Raptors' games will be on 1050 CHUM=ON, and some on 590 CJCL-ON.
- f Signal inside the Pepsi Arena in Denver
- h Home games only

Confirmed DXer

Phil Bytheway, 9705 Mary NW, Seattle WA 98117-2334, phil_tekno@yahoo.com

Welcome Andy... thanks for the tips! Report your verifications to the NRC eGroup and they will appear here, or send them directly to me at the above address. Next deadline: **1/29/18 1 PM PLT**. pb

- 950 CFAM **MB**, Altona. 10/6 verification letter received in 21 days from Chief Engineer Alex Loewen. Enclosed information packet on station history and family of stations. (AR-NY)
- 1000 KSOO **SD**, Sioux Falls. PPC in 9 days. V/s illegible. (JW-CO)
- 1110 KFAB **NE**, Omaha. 10/16 generic postcard received in 7 days. No signature. (AR-NY)
- 1140 KXRB **SD**, Sioux Falls. PPC in 10 days. V/s Randy McDaniel. (JW-CO)
- 1210 KHKR **UT**, Washington. V/s Gary A Smith, Dir. of Engineering. (JW-CO)
- 1300 KCMY **NV**, Carson City. PPC, note, coverage map, and small "Cowboy Country 102.5" sticker in 9 days. V/s Dan F Elder, Production Engineer. (JW-CO)

Andy Ross, Kenmore NY (AR-NY)
John Wilkins, Wheat Ridge CO (JW-CO)



The Super/Ewe Antenna

Bruce A. Conti

The Ewe Becomes a SuperLoop

I've lost track of the time that's gone by, but it's been some 20 years since the SuperLoop antenna was introduced for AM broadcast band DX'ing. The SuperLoop was discovered by accident through various backyard antenna experiments. It all started as a super-sized Ewe antenna. First developed by Floyd Koontz WA2WVL and described in "Is this Ewe for You?" in QST Magazine, February 1995, the Ewe antenna was primarily for tropical band and 160-meters amateur radio applications. Simple to build, it consisted of two 10-ft vertical elements about 25 feet apart with a horizontal wire connecting the vertical tops. It looked like an upside down U, giving it the Ewe name. I super-sized the Ewe dimensions to 50-ft verticals and 75-ft horizontal for improved gain at medium wave frequencies.

The vertical bottom at the null end of the Ewe has a resistor termination to ground, and the other vertical bottom is fed to the receiver through an RF matching transformer, typically 9:1 for impedance matching to a coax lead-in. The horizontal wire 'forces' a phase shift between the two verticals which results in a wideband cardioid beam with a deep backside null.

Another desirable feature of the Ewe is stealth installation, an essential requirement for an antenna restrictive community. The verticals can be concealed against tree trunks with the horizontal wire hidden above in the tree canopy for a super-sized Ewe. A wooden fence or the wooden posts of a balcony can be used to conceal a smaller conventional size Ewe. Stealth installation is completed with a buried lead-in to the house.

Ewe termination resistance for maximum null depth varies between 700 and 1000 ohms typical based on ground conductivity. The problem with the Ewe; it requires an exceptionally good ground to perform well. Poor ground conductivity requires a higher termination resistance to produce a backside null, and the resulting maximum null depth isn't very deep. My experimental Ewe terminations varied between 1130 to 1800 ohms for the best null due to poor ground conductivity. So I began to experiment with different methods of improving the ground. Multiple ground radials, copper ground rods, and kitty litter bentonite clay reinforcement of grounds were tried without much success. I finally attempted to emulate high ground conductivity by connecting the termination ground to the RF matching transformer ground with a horizontal wire. Ewe ground rods and radials were replaced by the connecting horizontal wire and the SuperLoop was born; a rectangular loop in the vertical plane with an in-line termination resistor at the null-end bottom corner and the RF matching transformer to a coax lead-in at the other bottom corner. It was a 'floating' loop antenna with no physical connection to ground at the antenna. The SuperLoop produced a wideband cardioid beam with a deep backside null just like the perfect Ewe; inherently low noise, retaining the stealth construction of a Ewe with the loop bottom horizontal buried a couple inches, but not dependent upon a good ground. Eventually I discovered that I had stumbled upon a new configuration of a Flag antenna.

Back to the Future

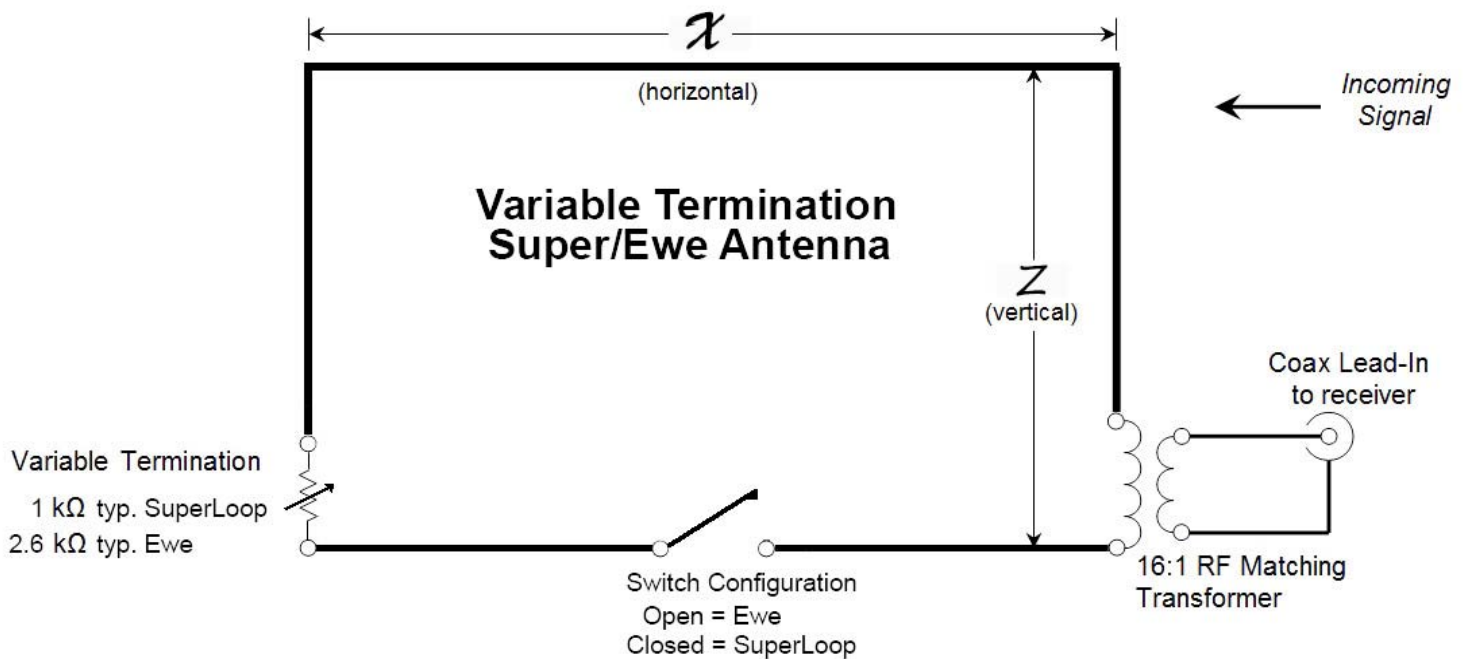
Now, 20 years later, the SuperLoop has returned to its roots as a Ewe antenna. Experimenting with Ewe models in EZNEC antenna modelling software, I learned that a Ewe with a poor ground produces a three dimensional wedge shaped pattern. The maximum backside null isn't very deep, but the wedge shape appears to produce comparatively less high angle skywave on the backside than on the front, and less high angle gain than a SuperLoop, while still maintaining good forward gain. This looked like it would be a worthy experiment.

A switch was inserted at the midpoint of the bottom horizontal wire of the SuperLoop. Open the switch and the bottom horizontal wire becomes two ground radials; one ground radial connected to the termination resistor, the other connected to the RF matching transformer. With the switch opened, the SuperLoop is now a Ewe antenna. Because the ground radials are rather short, and the ground conductivity is poor, it's a far less than perfect Ewe. So, I call it a pseudo-Ewe. Close the switch and the antenna is a SuperLoop. The switch can be a heavy-duty knife switch, a weatherproof toggle switch, or a banana jack and binding post connected outdoors. A remote-controlled relay switch that can be opened and closed from the shack is another option. I used a knife switch to prevent potential capacitive coupling between contacts when opened. This switchable SuperLoop/pseudo-Ewe antenna is named in short the Super/Ewe.

Super/Ewe in Action

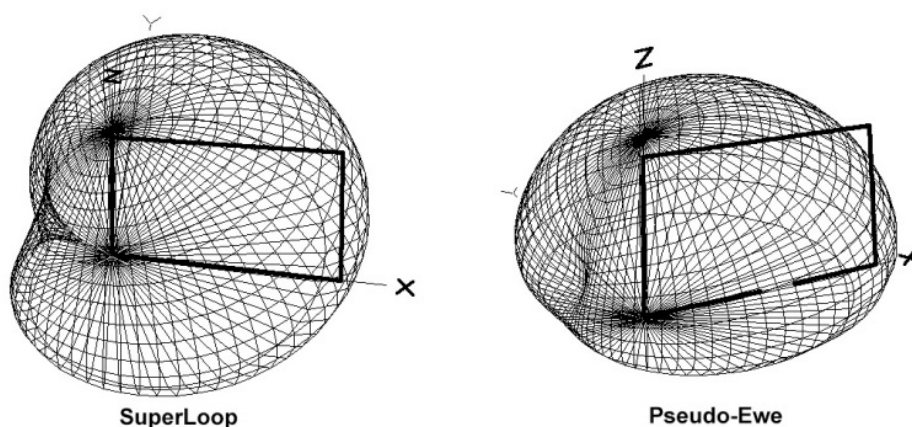
Experiments with the Super/Ewe switch opened for pseudo-Ewe operation have been positive overall. Although as expected the nulling isn't mind-blowing, the pseudo-Ewe's subtle rejection of

skywave interference seems to be enough to make a difference. A number of new domestic logs were entered within weeks of starting pseudo-Ewe operation, and it regularly hauls in readable signals from the UK and Spain here at the New Hampshire test site. If a deep pinpoint null of a specific signal is needed, then the switch is closed for SuperLoop operation.



The modification of an existing SuperLoop antenna with insertion of a switch is simple enough, so why not do it? Well, there is one caveat. A variable termination is required to get the best performance out of the SuperLoop and pseudo-Ewe antennas. SuperLoop termination resistance is usually under 1000 ohms, while the pseudo-Ewe is over 2000 ohms. Remote control variable termination can be transformer coupled, a motorized potentiometer, or a Vactrol. Fixed termination resistance of approximately 1200 ohms will get the job done if remote control is not an option. There is also a compromise between using the 9:1 RF impedance matching transformer specified for a Ewe, and a 16:1 transformer for the SuperLoop. The 16:1 match is more critical for the SuperLoop, and the pseudo-Ewe performance wasn't impacted significantly by 16:1, so I stuck with 16:1 for the Super/Ewe.

Results may vary depending upon ground conductivity and antenna dimensions, so be prepared to experiment with termination resistance and matching transformers to obtain the best performance out of a Super/Ewe. If nothing else, at least you'll have access to two antennas in one with unique reception patterns obtained by the flip of a switch.



Additional Online Reference Materials

<http://www.bamlog.com/supereuwe.htm> – More data including a grounded SuperLoop option, additional EZNEC model plots, and a chart of SuperLoop dimensions vs. ideal null depth for various termination resistances.

<http://www.bamlog.com/vartermloop.htm> – Transformer coupled remote control variable termination of a SuperLoop.

<http://www.bamlog.com/remotepotbox.htm> – Motorized Potentiometer for Remote Control Variable Termination.

<http://www.bamlog.com/remotepotbox.htm> – Wind Your Own RF Matching/Isolation Transformer.

<http://www.w0btu.com/Remote Beverage termination control.html> – Vactrol (cadmium sulfide photocell) remote control variable termination.

<http://www.eznec.com/> – EZNEC Antenna Software by W7EL.

73 and Good DX!

Treasurer's Report

From NRC Treasurer Dick Truax, here is the NRC financial statement for fiscal year 2016-17. The statement from fiscal year 2015-16 is included for comparison.

<u>Income Statement</u>			<u>Administrative</u>		
	<u>2016-2017</u>	<u>2015-2016</u>			
Membership Dues	11,378.75	12,742.13	Info purchase	50.00	100.00
NRC Domestic Log	6,497.95	7,056.46	Supplies	244.68	231.44
Pattern Book	431.25	751.60	Miscellaneous	116.00	160.45
Antenna Books	258.15	392.50	Sales Tax	42.94	0.00
Reprints	131.19	557.75	Convention	<u>0.00</u>	<u>2,366.40</u>
FM Atlas	60.00	75.00	Total Administrative	453.62	2,588.29
EDXN	2,022.00	2,265.00	Total Expense	17,664.25	21,394.19
Loop Manual	99.75	193.70			
Beverage Manual	17.90	130.25			
Convention	0.00	2,553.75			
Miscellaneous	<u>0.00</u>	<u>971.18</u>			
Total Income	20,896.94	27,689.32			
			<u>Statement of Income</u>		
				<u>2016-2017</u>	<u>2015-2016</u>
			Income (all sources)	20,896.94	27,689.32
			Bulletin/Publishing Costs		
			Beginning Inventory	553.15	2,562.33
			Printing	10,528.91	11,515.30
			Postage	6,681.72	7,020.60
			Less ending inventory	<u>-602.83</u>	<u>-553.15</u>
			Net Costs	17,160.95	20,545.08
			Profit	3,735.99	7,144.24
			Administrative Expenses	-453.62	-2,858.29
			Net Profit (-Loss)	3,282.37	4,285.95
			<u>Balance Sheet</u>		
				<u>2016-2017</u>	<u>2015-2016</u>
			<i>Assets</i>		
			Inventory	602.83	553.15
			Cash	<u>34,127.13</u>	<u>29,149.61</u>
				34,729.96	29,702.76
			<i>Liabilities</i>		
			Deferred Dues	-4,719.89	-6,069.34
			Net Worth	30,010.07	23,633.42

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DX News is printed by

Peak Printing, Inc.
 716 S. 9th Street, Cañon City CO 81212
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 All your printing needs – including SWL and Amateur QSL Cards

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DX News is printed by Peak Printing – 716 South 9th Street – Cañon City CO 81212 – (719) 275-2136 – <info@peakprintingonline.com>

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