

DX News

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New Pattern Book: The 8th Edition of the NRC *Antenna Pattern Book* is now available! Prepared by Bill Hale, this invaluable DXing resource is designed to be used with the 39th Edition of the NRC *AM Log*, which has also just been released. As you'll see in the full writeup on page 2, the maps include day, night, and critical hours patterns. Thanks to Bill for all the many hours that went into the drawing of the maps and finalizing this resource.

From the Publisher: We are biweekly again ... the full schedule for Volume 86 is on page 7. I am going to be traveling the weekend of October 19-21 (when Issue 3 is scheduled for publication) so there may be some brief delays in getting that issue out. Otherwise my deadline for each issue is 2400 ELT on Friday night.

Membership Report

"Hi. Please sign me up for another year – #45."
– Dan Haggett.

"This will be my 40th year in NRC! I joined back in Oct. 1978 while stationed on a USCG buoy tender based in Adak Alaska in the Aleutians." – Rod O'Connor

"Where have all the years gone? Remember meeting you at the Buffalo Convention in '64." – Joe Fela.

New Members: Welcome to Larry Flaitz, Rochester, NY; Bruce Paulin, Reno, NV; and Richard Stahl, Ocean View, NJ.

Rejoining Members: Welcome back to Giampiero Bernardini, Italy; and Pat Doak, Huron, SD.

Renewing Members: Thanks for the ongoing support of John M. Adams; W.C. Cornwall; Bill Dvorak; Russell J. Edmunds; Joseph Fela; Adam Grose; Daniel Haggett; Mark Hyland; Karl V. Jeter; Len Kelter; Russell A. Lay; John R. Malicky; Darrell Neft; Rod O'Connor; Louis M. Poda; Jerry Sanderson; Bob Schroeder; Peter V. Taylor; Gary Whittaker.

NRC AM Radio Log 39th Edition Is Now Available



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.

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NRC Antenna Pattern Book 8th Edition Is Now Available

The lists of U.S. and Canadian stations are those licensed by the US Federal Communications Commission and Canada's Industry Canada, and coincides with those appearing in the 39th Edition of the National Radio Club's AM Radio Log. Many stations have a Construction Permit (CP) for changes to their facilities. It is assumed that these changes will eventually be employed, so are depicted as such. Additionally, several Mexican stations located adjacent to, and near, the United States border are included, as well as stations on 810, 1240 and 1540 in Nassau, Bahamas.

THE NATIONAL RADIO CLUB'S



AM STATION ANTENNA PATTERN BOOK EIGHTH EDITION

prepared by
BILL HALE

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Naturally, a non-directional signal travels as far as possible, depending upon the transmitter's output power through a single tower. Directional patterns are used to avoid interference to other stations on the same or adjacent frequencies, and may require as many as twelve towers to achieve this. Pattern plots in this book are reproductions of those shown by the FCC, and backed up by those generated by a computer program written by NRC member Neil Adams. Each illustration closely reproduces the pattern's shape and bearing. However, the size does not reflect the actual coverage areas due to many variables: frequency; a directional pattern (if used); the electrical tower height; ground conductivity; terrain; weather; atmospheric conditions, and interference from other stations. Your ability to hear any station, of course, is based upon these factors plus your receiving equipment.

PATTERN PLOTS: Daytime patterns are illustrated with a dashed line; Nighttime patterns by a solid line; Critical Hours patterns are depicted by a solid line with small circles at various intervals. Many stations, mostly on 'clear channels', operate during what is referred to as 'Critical Hours'. These periods are from sunrise to sunrise plus two hours, and sunset minus two hours to sunset. This is when the ionosphere transitions from nighttime to daytime (morning), or daytime to nighttime (evening) conditions resulting in greater coverage for a station than what would be expected using their licensed daytime power. Licensed 'Daytime' operation during these periods would cause interference to co-channel and adjacent-channel stations. So, the FCC has implemented Critical Hours periods for stations who agree to operate during those periods with (normally) a power level lower than that licensed during the daytime, and in some cases utilizing a directional pattern. Currently, no Canadian or Mexican station is licensed to operate using a Critical Hours operation.

U1 and U3: Patterns for stations which operate with the same power day and night, designated in the AM Log as U1 (non-directional) or U3 (same pattern all hours), are depicted with a single, solid line. Many stations with the same power all hours and designated DA2 by the FCC and U4 by the NRC, but have identical parameters. Those patterns are also drawn with a single, solid line.

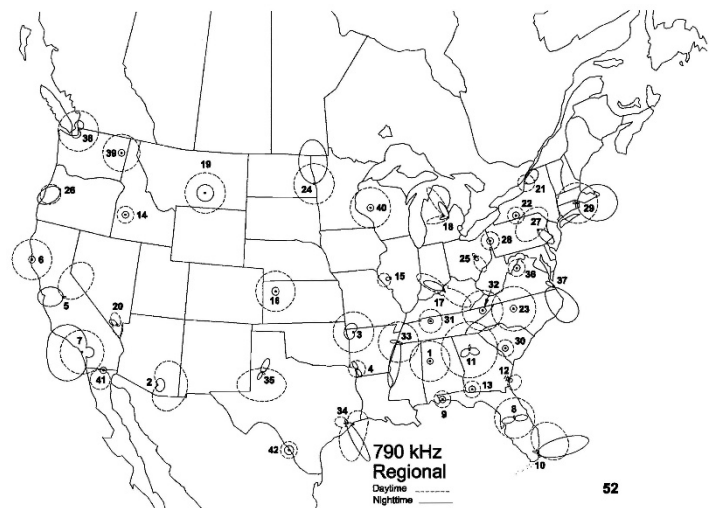
Except for four, all stations on 1230, 1240, 1340, 1400, 1450 and 1490 kHz are licensed to operate non-directional all hours, so no patterns are drawn for them. Patterns are illustrated, however, for the four using a directional signal. All non-directional signals less than 500 Watts are depicted by a small, equally-sized circle.

All stations in Alaska and Hawaii operate non-directional full time, except one. That being in Nome, Alaska on 850 kHz (directional only during Critical Hours operation; see pattern on Page 64). All stations in Alaska, Hawaii and Northwest Canada are designated on the List pages by an A, H or C, and their locations are plotted on Page 238.

Every attempt has been made to place the listed number adjacent to the corresponding dot of the city so as not to interfere with the pattern or a state/province line. Where not possible, or in the case of space restrictions, an arrow has been utilized to match the number with the location of the station.

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 paypal from our website <http://www.nrcdxas.org> at slight higher prices.



AM Switch

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Canadian info – Compiled by Shawn Axelrod and Dan Sys

NRC AM Log updates from Wayne Heinen, amlog@nationalradioclub.org

FCC and CRTC Decisions and Applications

CALL CHANGES

- 950 WJKB SC **Moncks Corner** – Call change to WCDC (Sept. 7).
 1120 WKCE TN **Maryville** – Call change to WVLZ (Sept. 19).
 1180 WVLZ TN **Knoxville** – Call change to WKCE (Sept. 19).
 1400 WWGE PA **Loretto** – Call change to WYUP (Sept. 17).



NEW STATION WATCH

- 840 CP AK **Kenai** – CP for new station receives calls of KABN.

STATIONS GOING DARK

- 1260 WI3XSO PR **Aguadilla** – License deleted; licensee has dropped its appeal of the FCC's 2017 termination of this synchronous repeater of WISO-1260.
 WI2XSO PR **Mayagüez** – License deleted; same.
 1450 WBVA VA **Bayside** – License voluntarily surrendered by licensee Sept. 7. This station and WVAB-1550 have been mostly silent for around a decade after losing their transmitter site and only broadcast intermittently with low power ever since.
 1550 WVAB VA **Virginia Beach** – License voluntarily surrendered by licensee Sept. 7.

CONSTRUCTION PERMITS (CPs) FOR EXISTING STATIONS

CPs fully licensed and on the air:

- 1050 KJPG CA **Frazier Park** – CP for D3 10000 (dropping night operation) is on the air.
 1370 WIVV PR **Island of Vieques** – CP for new tower at 18-06-06/65-28-15 is on the air.
 1580 KQFN AZ **Tempe** – CP for U1 5000/95, duplexed with KXEG-1280 at 33-29-37/112-08-19, is on the air. (Note CP and application for LTC were both for U1 50000/95, but the license as issued specifies U1 5000/95. Not sure why.)

CPs built, awaiting final licensing:

- 560 WQAM FL **Miami** – Applies for program test authority to use CP for U1 4100/1000, triplexing with WQVN-1360/WOCN-1450.
 1340 KACH ID **Preston** – Applies for license to cover CP for new site, 42-07-28/111-50-45.

CPs granted:

- 930 WKCT KY **Bowling Green** – Granted CP with U1 5000/59 (not U1 5000/89 as originally applied for), correcting coordinates to 37-02-01/86-26-25.
 1320 WDDV FL **Venice** – Granted CP to adjust night pattern, remaining U4 5000/1000.
 1480 KPHX AZ **Phoenix** – Granted CP with U4 950/320, new site 33-23-21/111-59-53.
 1590 WKTP TN **Jonesborough** – Granted CP with U1 2500/37, adjusting coordinates to 36-19-53/82-28-26.

Applications for CP filed:

- 1590 WPUL FL **South Daytona** – Licensed for U1 1000/32; applies for U1 1000/47, moving to a new site 5.2 km north of the licensed site at 29-12-06/81-01-30 (currently operating from the proposed CP site with an STA for U1 250/32).

SPECIAL TEMPORARY AUTHORITY (STA)

STAs granted:

- 570 WTBN FL **Pinellas Park** – Granted STA, U1 1250/1250, lightning damage.
 770 KCJB LA **Lafayette** – Granted STA, U1 1000/125, longwire at 30-16-07/91-55-52; has been using this since at least 2011 but stopped filing STA extensions, holding up FCC approval.
 800 KQCV OK **Oklahoma City** – Granted STA, parameters at variance.
 1040 WHBO FL **Pinellas Park** – Granted STA, U1 3500/15 from WWBA-820 tower (CP site).

- 1440 **WGIG** GA **Brunswick** – Granted STA, parameters at variance, replacement of a nearby tower is expected to affect pattern.
- 1480 **WNKW** KY **Neon** – Granted STA, D1 1000, 200' longwire antenna at 37-11-08/82-43-02; has lost lease on licensed site.
- 1660 **WGIT** PR **Canovanas** – Granted STA, reduced power post-Maria (using U1 1000/1000).



Application for STA filed:

- 980 **WONE** OH **Dayton** – Applies for STA, night parameters at variance, pattern issues.
- 1240 **KOKL** OK **Okmulgee** – Applies for STA, reduced power (using U1 333/333); faulty insulators on the tower preventing operation at full power.
- 1360 **WCHL** NC **Chapel Hill** – Applies for STA, U1 5000/250 or less, Hurricane Florence.

Application for STA denied:

- 1470 **KVSL** AZ **Show Low** – Denied STA; wanted to take the AM silent and broadcast only intermittently while operating FM translator fulltime, to test financial impact of migrating to FM. The FCC has denied several STAs in the last year or so that were requested for solely financial or programming reasons.

Extensions to previous STAs granted:

- 590 **KCSJ** CO **Pueblo** – Granted STA extension, parameters at variance.
- 790 **WMC** TN **Memphis** – Granted STA extension, U1 5000/1250 or parameters at variance.
- 960 **WHYL** PA **Carlisle** – Granted STA extension, U1 1300/22 from WCAT-FM-102.3 tower.
- 1070 **KFTI** KS **Wichita** – Granted STA extension, U1 10000/250.
- WBKW** WV **Beckley** – Granted STA extension, reduced power (has been using D1 20).
- 1260 **WSHU** CT **Westport** – Granted STA extension, U1 250/2, temp. wire at 41-07-42/73-23-26.
- 1360 **WGBN** PA **McKeesport** – Granted STA extension, U1 1000/53 from licensed night site.
- KWWJ** TX **Baytown** – Granted STA extension, parameters at variance.
- 1370 **WLLN** NC **Lillington** – Granted STA extension, reduced day power (using U4 1000/49).
- 1530 **WJDM** MD **Elizabeth** – Granted STA extension, D1 250 from a WPAT-930 tower.
- 1550 **KRZD** MO **Springfield** – Granted STA extension, U1 10/10 from 130' LW at 37-09-06/93-17-49.
- 1560 **KGOW** TX **Bellaire** – Granted STA extension, U3 15000/15000 from licensed night site.
- 1580 **WNTF** FL **Bithlo** – Granted STA extension, D1 2500.
- 1590 **WPUL** FL **South Daytona** – Granted STA extension, U1 250/320, tower 29-12-07/81-01-29.

Applications to extend existing STAs filed:

- 560 **WHYN** MA **Springfield** – Applies to extend STA, minor parameters at variance.
- 890 **KDXU** UT **St. George** – Applies to extend STA, minor parameters at variance.
- 920 **WYMB** SC **Manning** – Applies to extend STA, reduced power daytime, using night pattern.
- KKLS** SD **Rapid City** – Applies to extend STA, reduced power (using U4 3200/700).
- 1010 **KXEN** MO **St. Louis** – Applies to extend STA, U5 50000/125, nights from vertical wire at 38-38-09/90-11-45.
- 1030 **WONQ** FL **Oviedo** – Applies to extend STA, U1 12000/425.
- 1070 **WCSZ** SC **Sans Souci** – Applies to extend STA, U1 12500/375 (but using U1 2000/375).
- 1120 **KLIM** CO **Limon** – Applies to extend STA, D1 10, temporary antenna at 39-15-56/103-41-57.
- 1170 **WQHC** AL **Hanceville** – Applies to extend STA, U1 10/10, whip antenna at 34-03-26/86-43-33.
- 1280 **WSAT** NC **Salisbury** – Applies to extend STA, U2 1000/500.
- 1330 **WENA** PR **Yauco** – Applies to extend STA, U1 500/350, 185' LW at 18-01-17/66-51-54.
- 1350 **WEGA** PR **Vega Baja** – Applies to extend STA, U1 625/625.
- 1380 **WBEL** IL **South Beloit** – Applies to extend STA, U1 5000/1250.
- 1400 **WSEG** GA **Savannah** – Applies to extend STA, reduced power (using U1 250/250).
- 1410 **WDOV** DE **Dover** – Applies to extend STA, night parameters at variance.
- 1450 **WTKI** AL **Huntsville** – Applies to extend STA, U1 550/550, 169' LW at 34-43-43/86-36-01.
- 1490 **WSVM** NC **Valdese** – Applies to extend STA, U1 500/500, 210' LW at 35-44-17/81-33-26.
- 1580 **WLIM** NY **Patchogue** – Applies to extend STA, U1 1000/125.



Applications to extend existing STAs denied or dismissed:

- 1480 WNKW KY **Neon** – Denied a 2017 STA extension request for longwire antenna with D1 1000; previous STA was for reduced power using the licensed site, which the station lost in 2016; station included no details about the longwire in its STA “extension” application and didn’t respond to FCC requests for additional information. Has now been granted a regular STA (see above).
- 1540 WULT VA **Sandstrom** – Application to extend STA dismissed; CP is now fully licensed.

SILENT STATIONS

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

- 710 WYJV TN **Smyrna** – Silent Sept. 1 (as WFCM); on the air with new owners/calls Sept. 16.
- 810 WYRE MD **Annapolis** – Silent Sept. 20 (2017); on the air Sept. 13.
- WKVM PR **San Juan** – Silent Oct. 8 (2017); has been on the air with STA since May 30.
- 880 KLRG AR **Sheridan** – Silent Apr. 5; on the air Aug. 7.
- 1000 WJBW FL **Jupiter** – Silent Sept. 10 (2017); on the air with STA Sept. 6.
- 1090 WUVI VI **Charlotte Amalie** – Silent Sept. 7 (2017); on the air with STA (D1 225) Sept. 5.
- 1100 WCGA GA **Woodbine** – Silent Sept. 11 (2017); on the air Sept. 5.
- 1230 WMAF FL **Madison** – Silent Sept. 11 (2017); on the air Sept. 9.
- 1340 KJMU OK **Sand Springs** – Silent Sept. 10 (2017); on the air Sept. 7.
- 1500 WKIZ FL **Key West** – Silent Sept. 10 (2017); on the air with STA Sept. 7.
- 1580 WVOZ PR **Aguadilla** – Silent from Morovis PR site Sept. 25 (2017); on the air from CP site with PTA Sept. 6.
- 1690 WIGT VI **Charlotte Amalie** – Silent Sept. 7 (2017); on the air with STA (U1 400) Sept. 5.

The FCC’s Hurricane Florence status report on Friday, September 21 noted that WAAV-980 and WSSG-1300 were off the air.

Stations informing the FCC that they are silent:

- 1190 KJJI AR **White Hall** – Silent (again) Aug. 15, transmitter failed again.
- 1340 WAGR NC **Lumberton** – Silent Sept. 15, Hurricane Florence flooding damage.
- 1460 WEWO NC **Laurinburg** – Silent Sept. 15, Hurricane Florence flooding damage.
- 1480 WQTM NC **Fair Bluff** – Silent Sept. 15, Hurricane Florence flooding damage.
- 1490 KJNT WY **Jackson** – Silent (again) Sept. 7, has lost licensed site.
- 1530 WZTE PA **North East** – Silent (again) Sept. 6, pending CP move to Union City.
- 1620 WDHP VI **Frederiksted** – Has been silent since Sept. 20 (2017); tower destroyed in Hurricane Maria.

Section 312(g) of the Communications Act (as amended in 1996) provides that the FCC shall cancel the licenses of stations that have been silent for a full year, with limited exceptions to promote “equity and fairness.” On August 30, the FCC published a notice stating that it would forgo cancelling the licenses of stations in Puerto Rico and the U.S. Virgin Islands that have been silent since September 2017 due to Hurricanes Irma and Maria, until March 9, 2019, if such stations file applications for a “silent STA.” Some stations that have been silent all this time (such as WDHP-1620 above) are just filing their official notifications now.

COORDINATE CORRECTION

- 1250 KBRF MN **Fergus Falls** – CP to correct coordinates to 46-16-24/96-02-44 (day), 46-16-27/96-02-46 (night), is on the air.



NRC AM Log updates

- 540 WETC NC **Wendell-Zebulon** – Format to REL (ex-SS:REL); slogan to “Divine Mercy Radio,” networks to EWTN.
- 610 WRUS KY **Russellville** – Adds // W231DO-94.1. (FCC)
- 680 WINR NY **Binghamton** – Slogan to “Classic Country 96.9.” (SK)
- 690 KCEE AZ **Tucson** – Adds // K237FX-95.3. (FCC)
- KEII ID **Blackfoot** – Format to AC/OLD (ex-CCR/TLK); slogan and Group to Grp=Cannonball 101 (ex-Grp= Sunny AM 1260/690); drop networks.
- 710 WOR NY **New York** – Networks to Nn/Ru/P/DR/C2C. (SK)
- 740 KATK NM **Carlsbad** – Format to SS:MEX (ex-CLR); slogan to “La Raza.”
- 760 KTBA AZ **Tuba City** – Slogan to “Western Indian Network.” (GH)
- 800 KPDQ OR **Portland** – Slogan to “True Talk.”
- 830 WCRN MA **Worcester** – Slogan to “News Talk.”

- 840 KWDF LA **Ball** – Format to REL (ex-UC:GOS/REL); networks to USA/WRN.
- 850 WKGE PA **Johnstown** – Networks to A. (SK)
- 870 WQBS PR **San Juan** – Format to SS:TLK (ex-SS:Tropical/TLK).
- 880 KHAC NM **Tse Bonito** – Slogan to “Western Indian Network.”
- 910 KKBE NM **Roswell** – Format to CCR (ex-CHR); slogan to “93.7 The Light.”
- 920 KQBU TX **El Paso** – Format to SPT (ex-SS:MEX); Slogan to “Lone Star Sports,” networks to CS/Jr; delete // KBNA-FM-97.5.
- 930 WFXJ FL **Jacksonville** – Networks to FSR/CS.
 WHON IN **Centerville** – Format to CLR (ex-AC).
 WIZR NY **Johnstown** – Format to AC/EZL (ex-CLR); networks to WW1, Group to Grp= The Star.
- 940 WADV PA **Lebanon** – Slogan to “Solid Gospel Music Radio.” (SK)
- 950 WROL MA **Boston** – Networks to SRN. (SK)
- 960 WEAV NY **Plattsburgh** – Networks to Nn/CS/MRN. (SK)
 WTCH WI **Shawano** – Delete slogan.
- 980 KGLN CO **Glenwood Springs** – Adds // K267CH-101.3. (FCC)
- 1040 WYSL NY **Avon** – Slogan to “The Voice of Liberty.” (SK)
- 1050 KLOH MN **Pipestone** – Adds // K231DG-94.1; delete // K257FP-99.3.
 WBVG NY **Baldwinsville** – Format to NOS (ex-OLD); delete slogan. (SK)
- 1070 WFLI TN **Lookout Mountain** – Adds // W249BR-97.7. (FCC)
- 1080 WUFO NY **Amherst** – Format to UC:OLD (ex-UC:OLD/HipHop).
- 1100 WTAM OH **Cleveland** – Adds // W295DE-106.9.
- 1150 WBAG NC **Burlington-Graham** – Format to TLK/OLD (ex-NWS/TLK).
 WAVO SC **Rock Hill** – Slogan to “Greatest Music Ever Made.” (SK)
- 1160 WVNJ NJ **Oakland** – Format to REL (ex-TLK/ETH/Brokered); slogan to “Relevant Radio,” networks to IHR.
 WCCS PA **Homer City** – Slogan to “Your Home Town Stations.” (SK)
- 1180 WVLZ TN **Knoxville** – Format to OLD (ex-SPT); slogan to “Mid Century Radio,” drops networks.
- 1210 WPHT PA **Philadelphia** – Networks to C/Ru/P/WW1/DR/C2C. (SK)
- 1220 WSLM IN **Salem** – Slogan to “My Country.”
 WOEG MS **Hazlehurst** – Format to AC/OLD (ex-SPT); slogan to “Jack FM,” nets to WW1.
- 1230 WBBZ OK **Ponca City** – Format to TLK/AC (ex-NWS/TLK/SPT); slogan to “Sunny 1230,” networks to C/Ok/Oa/P.
 WBVP PA **Beaver Falls** – Slogan to “Beaver County Radio.” (SK)
 WVNT WV **Parkersburg** – Adds // W278CQ-103.5. (FCC)
- 1250 WDVA VA **Danville** – Slogan to “Danville’s Christian Choice.”
- 1260 KNBL ID **Idaho Falls** – Format to AC/OLD (ex-CCR/TLK); slogan & Group to Grp=Cannonball 101 (ex-Grp= Sunny AM 1260/690); delete networks.
 WNXT OH **Portsmouth** – Adds // W239CQ-95.7. (FCC)
- 1270 KZTQ NV **Sparks** – Slogan & Group to Grp= Bob-FM.
- 1290 WYEA AL **Sylacauga** – Format to C&W (ex-CLR); slogan to “Kix 100.3,” adds // W262DI-100.3; delete // W293CQ-106.5.
 WRPA RI **Providence** – Format to NWS/TLK (ex-VAR); delete // WNPN-89.3.
- 1300 WQPM MN **Princeton** – Format to CLR (ex-OLD); slogan & Group to Grp=The Killer Bee (ex-Grp= Q-103).
 KACI OR **The Dalles** – Slogan to “News Radio.”
 WMTN TN **Morristown** – Adds // W227DH-93.3. (FCC)
- 1310 WOKR NY **Canandaigua** – Slogan to “Talk Radio.” (SK)
- 1320 WDDV FL **Venice** – Networks to Nn/BNN. (TK)
 WBRT KY **Bardstown** – Slogan & Group to Grp=Hometown Radio & Classic Country.
- 1360 WWOW OH **Conneaut** – Networks to Nn. (SK)
- 1370 KGEN CA **Tulare** – Slogan to “Gordita La Grande.”
 KAWL NE **York** – Slogan & Group to Grp=Kool 103.5.
- 1380 WOTE WI **Clintonville** – Slogan & Group to Grp= ESPN 96-5 and 94-9 (ex-Grp= The Franchise 96-5 and 94-9).
- 1400 WYUP PA **Loretto** – Networks to A. (SK)
- 1420 WKWN GA **Trenton** – Slogan to “1420 KWN,” delete Grp= 1420 KWN.
- 1440 WFNY NY **Gloversville** – Format to AC/OLD (ex-AC).
- 1450 WTKI AL **Huntsville** – Slogan to “Talk 105.3 & 1450.”
- 1460 WHBK NC **Marshall** – Adds // W240DS-95.9. (FCC)
 WMBA PA **Ambridge** – Slogan to “Beaver County Radio” (SK)

- 1470 KNXN AZ **Sierra Vista** – Delete // KGMS-940.
 WXAG GA **Athens** – Format to UC:AC:OLD (ex-UC:AC); slogan to “Heart & Soul.”
 WLMC SC **Georgetown** – Format to OLD (ex-UC:TLK); drops networks.
 1500 WKIZ FL **Key West** – Slogan to “Almavision.”
 WSMX NC **Winston-Salem** – Slogan & Group to Grp= The Cross.
 1510 WLAC TN **Nashville** – Slogan to “Talk Radio 98.3,” adds // W252CM-98.3.
 1540 WKVQ GA **Eatonton** – Format to UC:GOS (ex-REL); delete slogan.
 1550 KXEX CA **Fresno** – Slogan to “Bendita Eucarista Radio.”
 1570 KPYK TX **Terrell** – Adds // K273DA-102.5.
 1580 WAMW IN **Washington** – Slogan & Group to Grp= The General 95.9 & 1580.
 WZKY NC **Albemarle** – Format to CLR (ex-OLD); slogan to “Magic 103.3.”
 1590 KGFK MN **East Grand Forks** – Slogan to “Rock 95.”

New Groups

- Grp= Bob-FM – KZTQ-1270’ K245DC-96.9, K241AK-96.1
 Grp= Hometown Radio & Classic Country – WBRT-1320, W235DB-94.9, W246AT-97.1
 Grp= Kool 103.5 – KAWL-1370, K276FB-103.1, K278CI-103.5
 Grp= The Cross – WSMX-1500, WSTS-100.9, W235CY-94.9
 Grp= The General 95.9 & 1580 – WAMW-1580, W240CE-95.9, W267CP-101.3

Group Changes

- Grp= Fox Sports FM – Adds W277AP-103.3 Bayshore
 Grp= GEM 104 FM – Adds Group WGMF-FM-103.9 Dushore (SK)
 Grp= Noti Uno Seis Treinta – Adds W232DH-94.3 San Juan
 Grp= Talk & News You Can Use – Adds W224DR-92.7 Greenfield
 Grp= The Dinosaur – Adds W298DC-107.5 Liverpool
 Grp= WDCX-FM – Adds W231EA-94.1 Buffalo

Group Name Changes

- Grp= Sunny AM 1260/690 – becomes Cannonball 101
 Grp= Q-103 – becomes Grp= The Killer Bee
 Grp= The Franchise 96-5 and 94-9 – becomes ESPN 96-5 and 94-9
 Grp= Z 102.9 – becomes Grp The Star

Group Deleted

- Grp= 1420 KWN

Talk Show Changes from *Radio Insight*:

Fox Sports Radio (FSR) is making changes to its evening lineup as it has cut ties with its two evening shows. “Steve Gorman SPORTS” is done after four and a half years on the network. John “J.T. The Brick” Tournour exits his 8-11pm eastern show after 17 years with the network in various roles.

Thanks to Shawn Axelrod, Bill Hale, FCC Database (FCC), Glenn Hauser (GH), Terry Krueger (TK) WDDV, and Steve Kennedy (SK).

Volume 86 DX News Schedule

No	D'dline	Print	11	Feb. 8	Feb. 18
2	Oct. 5	Oct. 15	12	Feb. 22	Mar. 4
3	Oct. 19	Oct. 29	13	Mar. 15	Mar. 25
4	Nov. 2	Nov. 12	14	Apr. 5	Apr. 15
5	Nov. 16	Nov. 26	15	Apr. 26	May 6
6	Nov. 30	Dec. 10	16	May 17	May 27
7	Dec. 14	Dec. 24	17	June 14	June 24
8	Dec. 28	Jan. 7	18	July 12	July 22
9	Jan. 11	Jan. 21	19	Aug. 9	Aug. 19
10	Jan. 25	Feb. 4	20	Sept. 6	Sept. 16



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

- SC-IN** Steve Chappell, McCordsville – K9AY loop antenna, homebuilt receiver
HJH-PA Harry Hayes, Wilkes-Barre – Grundig S350, C Crane Skywave, ALA 1530 loop in attic, 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
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
DY-VA David Yocis, Mount Vernon – Perseus, longwires
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

- 950 unID** -- – 9/9 0659 – Someone with SB Nation (sports) net feed, with male ."..weekdays 6-9 a.m. on SB Nation Radio... SBnationradio.com..." The only SB affiliate listed in the current NRC AM Log is KKSE, Parker, CO at 5000/5000 watts, which would be an unlikely catch from Florida though the right direction. But to further discredit that thought, the NRC 85-20 AM Switch column states KKSE is now Fox Sports Radio. **(TLK-FL)**
- 1340 unID** -- – 9/9 0600 – In multi-station mix (WLSG, WQSC, WKEY, UNID oldies and Fox Sports), promo for "Hometown radio 94.5 FM 13-40 AM WCRV. We built the team." Maybe WGRV? Checked the WGRV website and I'm not seeing a reference to 94.5 FM or "The Team." Also checked WTRC info. Don't see 94.5 FM. **(KK-VA)**

LOGGINGS

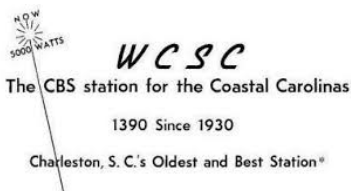
- 640 WWJZ NJ Mount Holly** – 9/8 0514 – Catholic Relevant Radio playing "Ave Maria" at 0510 through 0515, spotty reception. **(JW-PA)**
- WFNC NC Fayetteville** – 9/8 0600 – "WFNC Fayetteville" ID on the hour. Frequency was very jumbly at this time; nothing dominant, mostly talk stations. **(JW-PA)**
- WHLO OH Akron** – 9/8 0555 – Call sign ID at this time and 0557, "AM 640, WHLO." **(JW-PA)**
- 720 WGCR NC Pisgah Forest** – 9/5 1930 – Local weather report "for North Carolina" followed by announcement for Anchor Baptist into study on 1 Peter and "Why Are You a Baptist?" **(RJS-OH)**
- 810 WZYN GA Hahira** – 9/14 1938 – Old-school white screaming preacher, rustic gospel vocals, into SRN News at 1954. Poor, parallel way behind station website stream. Off or lost at 1957. It's a D1, Hahira sunset was 1940 ET today. First log of this from here. **(TLK-FL)**
- 850 KFUO MO Clayton** – 9/12 2115 – Clear ID at 2115 and mention of Missouri Lutheran Synod. Then giving way to mix of WKGE/WWGE. **(RJS-OH)**
- WKGE PA Johnstown** – 9/12 2116 – Song "Misty Blue" by Gladys Knight. Ad for FOX 8 News at Ten and promo to "Check out ABC 23 and FOX 8 News" into more oldies. This station identified as "1400 WWGE" at 2123, 2136, 2144. Both calls are on station website. When I clicked on "Listen Live" for "850 WKGE Live Audio" the site went to "1400 WWGE Live Audio." **(RJS-OH)**



- 950 KXJK AR **Forrest City** – 9/19 0658 – Have been hearing an orchestral Star Spangled Banner daily for a couple weeks, always beginning at 0700:02, but only on 9/18 did I capture a “K” something call sign and then, after the anthem, a male with mention of “Hometown Radio” which matches the KXJK slogan, and weather that nearly matched Googling (91-degree high, currently 74). But still uncertain if this is the source of the Star-Spangled Banner (and not to be confused with the SSB as sung by Dolly Parton, also at this hour as aired on WAKM, Franklin, TN as previously heard here). No apparent functioning KXJK website audio stream located, but I found that the free download (soon to be deleted) TuneIn app has it, so today I sat on 950 kHz while streaming the audio. First Light (Westwood One News) audio feed until 0658, then AM 950 and 106.5 FM Hometown Radio and KXJK ID on the stream, into the orchestral anthem. Audio stream about 22 seconds behind the anthem squeaking through on 950. Male with ID into local weather and news after. **(TLK-FL)**
- WGUN GA **Valdosta** – 9/14 2054 – Urban Contemporary evening dance-oriented show, female mentioning “The Magic 950 Valdosta” (slogan is supposed to be “Magic 95”). This is the one initially heard as one on the many unidentified stations closer to local sunrise, usually with heavier injection of R&B Oldies such as The Four Tops, R B Greaves, Billy Preston. **(TLK-FL)**
- WAKM TN **Franklin** – 9/12 0559 – Male with WAKM ID, fade, up a couple minutes later with female “AM 950 Hometown Radio” and parallel the station website stream with John Denver’s “Rocky Mountain High,” Conway Twitty, Ricky Van Shelton, “Making Believe” by Emmylou Harris. Then (not audible, but via the audio stream) Dolly Parton singing the Star-Spangled Banner from 0659. But the mystery station with the orchestral (non-vocal) version of the SSB that consistently surfaces at 0700 here appeared. So, that one isn’t WAKM. **(TLK-FL)**
- 960 WGRO FL **Lake City** – 9/14 1924 – Abruptly up, but mostly poor, with male canned “...in Lake City...99-7 The Zone” into ELO “Do Ya.” Likely just flipped from 500 to 1000 watts. Haven’t heard this one in quite a while. **(TLK-FL)**
- 1110 WKDZ KY **Cadiz** – 9/19 2322 – On after sunset, playing oldies like “Reflections” by the Supremes, “Just a Singer (In a Rock & Roll Band) by The Moody Blues. Very poor under WBT. Songs match playlist on whvoradio.com and their on line stream. **(PS-ON)**
- 1120 WKAJ NY **St. Johnsville** – 9/16 0555 – ID at this time with country music in occasionally. ID on the hour. **(JW-PA)**
- 1140 CHRB AB **High River** – 9/17 0009 – Sunrise Gospel show clearly being heard under WRVA. Poor mostly to barely audible. // to Tune In stream. **(PS-ON)**
- 1170 KBOB IA **Davenport** – 9/12 2319 – “The House That Built Me” by Miranda Lambert, Real Country mentions, mention of upcoming songs, promo for Retro Fest in Davenport, more music. Very poor under WWVA with unidentified, possibly Spanish talker as well. // to Simple Radio stream. **(PS-ON)**
- 1240 WJNC NC **Jacksonville** – 8/28 0639 – Bubbled up for a minute with male “WJNC weather...” into coastal NC forecast, then lost to WFSX, WMMB, WPAX (the latter still at ridiculous 1240.105 off-channel big het). **(TLK-FL)**
- 1250 WPGP PA **Pittsburgh** – 9/3 0515 – In multi-station mix with “AM 12-50 ‘The Answer’” slogan. **(KK-VA)**
- WTMA SC **Charleston** – 9/15 2208 – Two call IDs heard and Charleston mentioned, barely making it above a clutter of signals including CJYE. **(HJH-PA)**
- WLQM VA **Franklin** – 9/3 0700 – In multi-station mix (WTMA, WGHB, WPGP, WYKM, UNID Gospel singing and other singing) with male “All Gospel all the time. WLQM Franklin” ToH ID. New station for me. **(KK-VA)**
- WYKM WV **Rupert** – 9/3 0605 – In multi-station mix with “For the best in country music keep you dial set at 12-50 AM WYKM Rupert” station promo. **(KK-VA)**
- 1260 WZBO NC **Edenton** – 9/3 0638 – In multi-station mix (WWVT, WSUA, UNID religious talk and sports talk) with “It’s all classic country on AM 12-40 WCNC and AM 12-60 WZBO” dual ID. **(KK-VA)**
- 1270 WTSN NH **Dover** – 9/15 2150 – Weak and alone with political talk. FM-only ID as 98.1 WTSN. **(HJH-PA)**
- WCGC NC **Belmont** – 9/3 0528 – In multi-station mix (WLIK, WTJZ, WJJC, WMPM and other singing) with male “W-C-G-C” ID. **(KK-VA)**
- WMPM NC **Smithfield** – 9/3 0624 – In multi-station mix with ID as “12-70 WMPM Johnson County’s Christian radio.” **(KK-VA)**



- WQKR TN Portland** – 9/16 2200 – Caught the distinctive saxophone of “Baker Street” by Gerry Rafferty, couldn’t catch ToH ID, into news, also heard “He’s So Shy” by The Pointer Sisters at 2205, “Call Me” by Blondie at 2213. Very poor in station mix with semi-local WHLD Niagara Falls, NY. // to Tune In stream. **(PS-ON)**
- 1290 WTKS GA Savannah** – 9/3 0523 – In multi-station mix (WFBG, WDZY, WJCV, more singing and UNID ESPN) with “News on WTKS Savannah. Local news first” station promo. **(KK-VA)**
 +++ – 8/29 0645 – IDs as “News Radio 97.7 FM and 1290 AM” often. News on downtown fire, newsradiosavannah.com. Held up well, past 0800, and subsequent days after. **(TLK-FL)**
- 1300 WLXG KY Lexington** – 9/9 0548 – In multi-station mix with “Sports radio 13 hundred and 92.5” slogan. **(KK-VA)**
- WGDJ NY Rensselaer** – 9/9 0530 – In multi-station mix (WJZ, WLXG, WMTN, UNID religious talk and Spanish) with ID as “This is WGDJ Rensselaer and W254DA... talk 1300 and 98.7 FM.” **(KK-VA)**
- 1310 WDTW MI Dearborn** – 9/15 0701 – Over usual CIWW-Ottawa with “WDTW Dearborn-Detroit” legal ID in EE amid “La Explosiva” and other SS promos and Mexican (or Puerto Rican?) hot hits. For what it’s worth “DTW” is the Detroit airport code, but since the 1980s this station has burned through a lot of calls and formats, including the ever-popular “silent.” **(MKB-ON)**
- WTIK NC Durham** – 9/9 0626 – Mixing with Wbfd, WDCT, oldies and other talk, male in Spanish with several “La ke buena” mentions. **(KK-VA)**
- Wbfd PA Bedford** – 9/9 0639 – In WTIK/WDCT mix with male “W-B-F-D” ID. New station for me and it was a “bfd.” **(KK-VA)**
- 1320 WAGY NC Forest City** – 9/9 0623 – In multi-station mix (WKAK, WVNZ, UNID talk, ESPN and Spanish stations) with “The greatest hits from the 60’s and 70’s. Downtown Radio. The new True Oldies 107.5 FM” station promo. Recent format flip from C&W “Real Country” to oldies. **(KK-VA)**
- 1330 WKDP KY Corbin** – 8/28 0429 – Old C&W/Bluegrass vocals, 0448 canned male “99 point 5 KD Country.” Female cover of “Gentle on My Mind.” Surely on day 5000 watts, not night 16 watts. Slight WYRD, Greenville, SC ESPN co-channel. **(TLK-FL)**
 +++ – 9/9 0608 – Presumed in multi-station mix (WYRD, WBTM, UNID Spanish singing, other singing and religious talk) with male “... 11 AM on 99 5 and...” **(KK-VA)**
- 1340 WLSG NC Wilmington** – 9/9 0544 – In multi-station mix with horns and “This is your radio station 94 1 ‘The Beach’” slogan. **(KK-VA)**
- WQSC SC Charleston** – 9/9 0556 – In multi-station mix with male “... Monday night at 8 on your home for sports... 98.5 FM and 13-40 AM ‘The Zone’” station promo. **(KK-VA)**
- WKEY VA Covington** – 9/9 0612 – In multi-station mix (WLSG, WQSC, UNID oldies and Fox Sports) with C&W songs, “Big country. The Allegheny highland’s country station...” station promo. New station for me. **(KK-VA)**
- 1360 WHNR FL Cypress Gardens** – 9/15 0600 – In multi-station mix (WMOB, WHBG, UNID oldies, more talk and other singing) with ToH ID: “Serving the heart of central Florida. You’re listening to all talk radio 13-60 WHNR Cypress Gardens, Gerny.” Unsure what I was hearing at the end with “Gerny.” **(KK-VA)**
- 1370 WDEA ME Ellsworth** – 9/16 2313 – “The Most Beautiful Girl” by Charlie Rich, “With A Little Luck” by Paul McCartney, “Spanish Harlem” by Ben E King, ID at 2332: “Downeast Maine...WDEA,” into “Muskrat Love” by Captain & Tennille. Fair at times to very poor. Also confirmed by online song list and stream on wdeaam.com. **(PS-ON)**
- 1390 WSPO SC Charleston** – 9/15 0601 – In multi-station mix (WJMR, WZHF, UNID ESPN, Fox Sports, preaching and oldies stations) with ID as “AM 13-90 is WSPO W261DG. The Holy See Gospel station.” **(KK-VA)** *Kraig notes that a lot of stations were running day power, presumably due to Hurricane Florence. “This is understandable, but the stations, IMO, were abusing the privilege by carrying regular programming. In other words, let’s use the hurricane as an excuse to run day power during darkness. With many stations running day power listening was a mess of mixing stations -- similar to graveyard DXing.”*
- 1460 WHIC NY Rochester** – 9/10 0700 – Over usual CJOY groundwave with “the station of the Cross, WHIC Rochester” ToH ID into EWTN news and Mother Angelica’s thought for the day. **(MKB-ON)**



- 1470 **WXAG GA Athens** – 9/16 0050 – On after sunset with urban contemporary oldies, heard mention of 92.7 FM during possible ID, more music, “...92.7...WXAG” ID at 0056. Poor in station mix. **(PS-ON)**
- WBFC KY Stanton** – 9/16 1933 – Fair but mostly alone with gospel music, “Mountain Gospel 1470” slogan, local weather. **(DY-VA)**
- 1480 **WDAS PA Philadelphia** – 9/16 1900 – Good with ToH ID: “This is Breakthrough Radio WDAS, WDAS-FM-HD2, and 102.5 Philadelphia, and 104.1 Trenton, feel good music for healthy kids.” **(DY-VA)**
- 1550 **WSDK CT Bloomfield** – 9/9 2230 – Tuned into “WSDK 1550” ID, into Unshackled program. Poor to very poor in station mix. **(PS-ON)**
- 1560 **WLZR FL Melbourne** – 9/14 1915 – CBS Sports football spew, prior to presumed closing (D1 station). Fair but lots of WAMA-1550 splatter. **(TLK-FL)**
- 1580 **KHGG AR Van Buren** – 9/12 2058 – Very poor with call letter ID followed by “and online at sportshog1011.com.” New. **(SC-IN)**
- 1590 **WTVB MI Coldwater** – 9/15 2335 – Heard various oldies playing in the station mix, “...1590 WTVB” ID at 2341 into more music. Poor with WAKR and WCGO. **(PS-ON)**
- 1630 **WRDW GA Augusta** – 9/12 2114 – Ads, ID at 2115 as “WRDW...ESPN Augusta.” Good with KCJJ in the background. **(PS-ON)**
- 1670 **WMGE GA Dry Branch** – 9/13 2145 – Fox Sports Radio programming with ads for Georgia National Guard and iHeart Radio Job Fair. Calls not heard. Fair with competition from CJEU. **(HJH-PA)**
- +++ – 9/12 2102 – Sports talk with many Fox Sports mentions. Last heard as WPLA. Coming in well tonight, fair to poor with regular CJEU. WOZN nulled. **(PS-ON)**
- 1680 **KRJO LA Monroe** – 9/17 2139 – Adult Contemporary format // with 997myfm.com. Mention of 99.7 translator and “My Name is Brad” local ad for realtor. **(RJS-OH)**
- WPRR MI Ada** – 9/17 2141 – talk show on homeopathic medicine, tag line “Public Reality Radio” into David Packman show. Ad for Army National Guard sponsored by “Michigan National Guard.” **(RJS-OH)**
- 1690 **WVON IL Berwyn** – 9/6 0624 – Local black female host complaining that rich people are building on the north side and not the south. Fair with WPXT nulled. // station website stream. **(TLK-FL)**
- +++ - 9/17 2203 – WVON ID at 2204, “The Talk of Chicago” slogan. Ad for the Law Offices of Ted London, followed by WVON ID in Morse code. **(RJS-OH)**

Musings of the Members

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

Denny Lee Adkins KE8KLH dxdenny0948@yahoo.com

I don't mean to be tedious. Further observations on the state of our “hobby.” Let this be the conclusion of the matter. The INTERNET has truly enhanced our “hobby” to fantastic new dimensions. I have never enjoyed SUMMER DX more. SUMMER dud was usurped by a summer love, my sweetheart, my steady, 560 WGAN Portland, Maine. Akin to 590 VOXM St. Johns, Newfoundland, both of which qualify as exotic, and reminiscent of the winter morning 1050 CBA Moncton, New Brunswick found its way down the coast to Baltimore on my beloved GE portable. (Parenthetically, the Baltimore-Washington area is a DX feast with professional equipment.) No cheating! CBA was propagated. Hitching up the big horses for the night season. Solder up those PK amplified loops to the DX-160 and the old HAMMARLUND HQ-140-XA. It won't be long now.

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

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 2**: Thursday, October 4 at 1800 CDT.

Send your loggings and see your name in print!!

Good DX to ALL!

REPORTERS

- GH-OK** Glenn Hauser Enid, Oklahoma DX-398 with internal antenna only or PL-880; NRD-545 with ALA-330S inside E-W or inside random wire N-S; Nissan stock car radio as specified; IC-R75 with E-W longwire
- JEL-MO** J.E. Lewis Kansas City, Missouri Honda Odyssey car radio
- JM-WI** John Mosman DXing at Hudson, Wisconsin Tecsun PL-360 with plug-in bar antenna
- JM-IA** John Mosman DXing at McGregor, Iowa Tecsun PL-360 with plug-in bar antenna
- 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

SPACE RESERVED FOR YOU!!

DX LOGGINGS

- 560 WIND IL Chicago – 9/6 2158 – With slogan/ID “The Answer WIND Chicago.” (JM-WI)
- 570 WNAX SD Yankton – 9/6 2205 – With call mention “WNAX.” (JM-WI)
- 580 WIBW KS Topeka – 9/21 0700 – Poor, with calls & CBS News, with others. Hoping for way better than this. (JJR-WI)
- 600 WMT IA Cedar Rapids – 9/6 2208 – With slogan “Newsradio 600 WMT.” (JM-WI)
- 610 KDAL MN Duluth – 9/6 2220 – With slogan “103.9 News Radio.” (JM-WI)
- 650 WSM TN Nashville – 9/6 2226 – “. . . on WSM.” (JM-WI)
- 680 KFEQ MO St. Joseph – 9/7 2256 – Call ID as “680 KFEQ St. Joseph” with Royals vs Twins baseball. (JM-WI)
- 760 WJR MI Detroit – 9/7 2120 – With “WJR Traffic.” (JM-WI)
- 800 KXIC IA Iowa City – 9/7 2201 – “KXIC Sports Radio” and Cubs in rain delay. (JM-WI)
- 800 KQCV OK Oklahoma City – 9/21 0650 – Poor, with Walk in the Word//web. No XEROK, CKLW in back, others. (JJR-WI)
- 800 CKLW ON Windsor – 9/12 0631 – With “AM 800,” local news of Windsor & Detroit. (GH-OK)
- 810 WHB MO Kansas City – 9/7 2156 – With call ID: “WHB Kansas City” and Chief’s football. (JM-WI)
- 840 CFCW AB Camrose – 9/7 0743 – Area ads, MDT time checks, Camrose-Edmonton weather; slow “CFCW” jingle and into C&W music. Been trying for this since they moved from 790 three years ago. AB #40 here. (JW-CO)
- 880 KHAC NM Tse Bonito – 9/11 0800 – Partial ID for “Western Indian Network, Tuba City,” i.e. KTBA 760, the sibling station to the one I am really hearing, the perpetual day-power cheater. (GH-OK)
- 940 CJGX SK Yorkton – 9/18 0742 – C&W music, male announcer between songs with “GX-94” slogans. Generally fair. (JW-CO)
- 970 WZAM MI Ishpeming – 9/21 0757 – Poor, with WHA fading down, mention of Northern Michigan University (NMU) sports. (JJR-WI)
- 980 WPRE WI Prairie du Chien – 8/17 2232 – With station ID. ‘Mark Levin Show’ (JM-IA)
- 1010 KTNZ TX Amarillo – 9/21 0728 – Poor, with MorningGlory@EWTN.com. Atop, alone. Assumed. (JJR-WI)
- 1070 WTSO WI Madison – 8/17 2150 – Ad for Madison Taxi. (JM-IA)

- 1150 WHBY WI Kimberly – 9/7 2110 – Poor-to-fair, barely over lots of UNIDs, with Brewers baseball and ad for the Wisconsin Lottery. Faded quickly. They run 25 kW at night but have a tight lobe NE. Very rare. (JEL-MO)
- 1190 KDMR MO Kansas City – 9/12 0659 – Multi-station EWTN ID with these AM stations noted: KEXS-1090, KDMR-1190, KMVG-890, KPHN-1360, KFEL-970, KRCN-1060, and KLIM-1120, plus a bunch of FM's. Soon covered by KNUV in the null of KVCU. A needed call change here; ex-KPHN. (JW-CO)
- 1270 KGNM MO St. Joseph – 9/21 0713 – Poor, but atop, with 'St. Joe's Classic Hits, 102-5 KGNM and into Michael Jackson song. (JJR-WI)
- 1290 WKLJ WI Sparta – 8/18 2209 – With mentions of Sparta. (JM-IA)
- 1350 KRLC ID Lewiston – 9/19 0823 – Johnny Cash song; 0826: "National award-winning radio right here in our home town – KRLC 1350," then more music; the 'Farm and Ranch Report' followed at 0829, with ag info from Idaho and southeast Washington. Pretty steady with fair peaks. Obviously on day power way early. (JW-CO) [Per the Feds, their 'Daytime' operating hours in September is from 0830 – 2100 ELT, so you caught 'em cheating! – Ed.]
- 1480 KHQN UT Spanish Fork – 9/8 0823 – Gal with ID: "You're listening to Radio Krishna . . ." and gave phone number 801-919-9933 and website which I did not copy; a series of readings or recitations in English followed. Fair with some nice peaks. (JW-CO)
- 1650 KCNZ IA Cedar Falls – 9/6 2034 – With Chicago Cubs baseball. (JM-WI)
- 1660 KWOD KS Kansas City – 9/13 0956 – With long string (at least six) of Ad Council PSAs. Fading completely out and back up, as skywave is about to die, but long enough to hear 1000 ID for "KWOD, 1660, Kansas City, The Score, a Radio.com station," and into the 'Dan Patrick Show'. (GH-OK)
- 1670 WOZN WI Madison – 9/6 2037 – With slogan: "1670 AM, The Zone." (JM-WI)

OFF FREQUENCY

- 780 KSPI OK Stillwater – 9/12 0645 – Tuned on 779.985. Hard rock music looping WNW/ESE with heavy QRM from WBBM. Conveniently breaking for local weather forecast at 0647. Making annoying fast SAH with WBBM. (GH-OK)
- 1070 KFTI KS Wichita – 9/12 1043 – Measured -21 Hz off-frequency (1069.979); it's been this way forever, at night making an annoying rapid SAH against KNX or whatever. Classic Country; one of few stations musical on MW; allegedly \$. (GH-OK)

Unreported Domestic Stations

We have one new station reported to DDXD this issue for the first time since at least Volume 67 (1999-2000): WLQM-1250. The total number of currently licensed stations in the United States and Canada that haven't been reported to DDXD in that timeframe therefore drops to 373. The full list was last published in holds at 374. The full list was last printed in issue 85-19. Can you log and report one next issue?

NOAA Space Weather Outlook

Issued September 17, 2018 – For the period September 17-October 13, 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 be at moderate levels on 06-08 Oct and at high levels for the remainder of the outlook period. All enhancements in electron flux are expected due to multiple, recurrent CH HSSs.

Geomagnetic field activity is expected to range from quiet to G2 (Moderate) geomagnetic storm levels. G2 (Moderate) geomagnetic storm levels are expected on 08 Oct; G1 (Minor) geomagnetic storm levels are expected on 07 Oct and 10 Oct; active conditions are expected on 17 Sep, 23 Sep, 02 Oct and 11 Oct; unsettled conditions are expected on 18 Sep, 24 Sep, 01 Oct, 09 Oct and 12 Oct. All levels of elevated geomagnetic activity are due to the anticipated influence of multiple, recurrent CH HSSs.

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

International DX Digest

Bruce Conti, 46 Ridgefield Drive, Nashua NH 03062-1174

contiba@gmail.com

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 9 0458 – Fair; choral marching band national anthem, parallel 549 kHz. [Conti-NH]
- 549 **ALGERIA** *Jil FM*, Sidi Hamadouche SEP 8 0458 – Fair; Koran and brief announcement, then signature time marker on the hour and pop music, parallel 531 kHz. SEP 21 0458 – Good; choral marching band national anthem, time marker on the hour into news/talk parallel 531 kHz. [Conti-NH]
- 783 **SYRIA** *Syrian Radio/R.Damascus*, Tartus SEP 8 0030 – Good, with Mauritania off the air; Mideast orchestra vocals. [Conti-NH]
- 837 **SPAIN** *COPE* synchros SEP 8 0000 – Good; time marker, “Las dos, la una Canarias,” into news, “Ultima hora en Cope, estar informado.” [Conti-NH]
- 864 **EGYPT** *ERTU Santah* SEP 8 0020 – Fair; Koran. [Conti-NH]
- 882 **UNITED KINGDOM** *BBC R.Wales*, Washford et al. SEP 8 0025 – Fair; talk about Africa economy, parallel 198 kHz. [Conti-NH]
- 936 **MOROCCO** *SNRT Agadir* SEP 8 0600 – Fair; Koranic vocal with drumming through the hour. [Conti-NH]
- 936 unID SEP 11 0620 – I have been bandscanning up from bottom of MW band, with east/west long wire on the R75 set at 9 kHz steps, but minus 1 kHz from TA/TP channels, to hear any carriers on USB tuning, besides 846 Kiritimati. Before dozing off at midband, I do hit one on 936, in fact stronger than 846 but still JBA with no modulation. It's right-on frequency, so surely not a local artifact. Consulting the WRTH TA and TP listings, I conclude it is most likely 100 kW SNRT, Agadir, Morocco, sunrise today being right now: 0621. Of course, it's post-sunrise in the rest of Africa and Europe except maybe Spain with 3 x 20 kW Radio 5. I wonder if the F.Pl of two new 400 kW MW transmitters in Agadir has been consummated? It's too early for eastern Australia with 10 kW stations, much too early for China with 200 kW, but sun set in Auckland NZ already at 0607 although station there is only 1 kW. SEP 12 0611 – JBA carrier again from likely Morocco, just before LSR there. In previous log I should have added that listed power is 100 kW, although Future Plan called for 2 x 400 kW on MW (and 936 the only known frequency at that site). SEP 13 0612 – There it is again, with some fading. NE/SW rough DF on the DX-398. Then checking the true bearing of Agadir from Enid on my NGS globe with geometer, it's 65 degrees. Futurly shall try to get a closer match. Agadir is on the coast, southwest of Marrakech, which can only boost its propagability. [Hauser-OK]
- 1089 **UNITED KINGDOM** *TalkSport* synchros SEP 8 0000 – Fair with synchro echo; canned ID, “On digital radio, 1089 and 1053 AM, TalkSport,” and presenter, “We are here until 6 o'clock in the morning,” into news. [Conti-NH]
- 1107 **SPAIN** *RNE5* synchros SEP 7 2330 – Fair with pronounced synchro echo; news/talk in Spanish. [Conti-NH]
- 1152 **ROMANIA** *R.România Actualitati*, Cluj SEP 21 0300 – Good; pop vocal to ID and time marker, “Aici Bucuresti, Radio România Actualitati, hora exacta.” [Conti-NH]
- 1179 **MOZAMBIQUE** *R.Moçambique*, Quelimane SEP 7 2300 – Fair at s4-7; Portuguese singing along with drums, parallel 1206 kHz. [Barstow-MA]
- 1188 **IRAN** *IRIB R.Payam*, Tehran SEP 8 0045 – Fair; wailing Koran, 0100 signature ascending notes marking the hour. [Conti-NH]
- 1206 **MOZAMBIQUE** *R.Moçambique*, Inhamban SEP 7 2300 – Parallel 1179 but not as strong. [Barstow-MA]
- 1215 **UNITED KINGDOM** *Absolute Radio* synchros SEP 7 2330 – Fair to good; “Grounds for Divorce” by Elbow, “Walking on the Moon” by The Police. Must admit that I wasn't familiar with the Elbow song, identified by ‘recently played’ listing on the *Absolute Radio* website then matching it to a YouTube video. SEP 21 0400 – Fair; ad string including the National Lottery. [Conti-NH]
- 1287 **ISRAEL** *Voice of Hope*, She'ar Yashuv SEP 10 0300 – Poor; Mideast-sounding music, then fanfare music in ascending keys to mellow announcer. [Conti-NH]



- 1359 **ETHIOPIA** *Voice of the Tigray Revolution*, Mekele SEP 9 0300 – Fair; typical Ethiopian flute instrumental through the hour. [Conti-NH]
- 1386 **LITHUANIA** *R.Liberty*, Viesintos SEP 21 0259 – Fair; operatic vocal, announcement in Russian, interval signal, “Eto Radio Svoboda...” [Conti-NH]
- 1413 **MOLDOVA** *Vesti FM*, Grigoriopol SEP 10 0200 – Familiar touchtone sound effects through co-channel Spain. [Conti-NH]
- 1467.37 **IRAN** *IRIB R.Qom*, Qom SEP 8 0040 – Fair, het against presumed 1467.00 Saudi Arabia; Koranic vocal. Measured 1467.372 kHz. [Conti-NH]
- 1503 **EGYPT** *ERTU* El Arish SEP 8 2335 – In/out with Spain; Koran parallel 864 kHz. Thanks to Roy Barstow for the tip. [Conti-NH]
- 1503 **SPAIN** *RNE5* La Línea de Concepción//Piñeira SEP 9 0600 – Poor with synchro echo; time marker into servicios informativos parallel 1107 kHz. [Conti-NH]
- 1512 **SAUDI ARABIA** *SBC R.Quran*, Jeddah SEP 11 0258 – Good; Koran. Carrier off at 0301 UTC. [Conti-NH]
- 1575 **IRAN** Qeshm SEP 10 0200 – Buzzing jammer through domestic interference. [Conti-NH]
- 1575 **ITALY** *Rai Radiouno*, Genova SEP 17 0358 – Poor; pre sign-on clock tones. [Conti-NH]
- Transatlantic carrier search:* SEP 14 0129-0138 – Mainly on the R75 with east/west longwire; 711, 774, 828, 837, 846, 936, 1107, 1215, 1503 kHz. 846 certainly not Kiritimati this early; 774 has two beating, one slightly off to the minus side, but MW Offsets has nothing more than 3 Hz low. No sign of 1521, so Saudi 2 megawatt apparently still not 24h. I wanted to make sure 936 would also be heard much earlier than my usual bedtime checks circa 0600. MW Offsets shows minus 6.5 Hz for Agadir. Another check tonight at 0548-0552, however, does not get a signal on 936, rather 549, 612, 621, 837, 846, 1044, 1098, 1125, 1215, 1305, 1413, 1503 kHz. SEP 19 0634 – Only 936, none lower (except 846 presumed TP Kiritimati). SEP 20 0605-0613 – 531, 558, 774, 828, 846 (this one only presumed TP Kiritimati), 855, 1044, 1116, 1125, 1215, 1413 kHz. SEP 21 0246 – While computers, TV’s, etc. are also running; 1044-NE, 1215, 1503 kHz. Then at 0600 with other devices off; 558, 612, 639, 738, 747, 774, 855, 882 (no 846), 936, 1017, 1098, 1107, 1125 kHz. [Hauser-OK]

PAN-AMERICAN DX

- 550 **COLOMBIA** HJHF *R.Nacional*, Marinilla SEP 2 0001 – Woman in Spanish (parallel 570 HJND) with *R.Nacional de Colombia* ID; mixed with unID Latin American and WSJW. [Connelly-MA]
- 570 **COLOMBIA** HJND *R.Nacional*, Bogotá SEP 2 0001 – Woman in Spanish (parallel 550 HJHF) with *R.Nacional de Colombia* ID; over WMCA. [Connelly-MA]
- 580 **PUERTO RICO** WKAQ San Juan SEP 2 0000 – WKAQ cinco ochenta punto com website mention; good. [Connelly-MA]
- 590 **CUBA** *R.Musical Nacional*, La Julia SEP 2 0101 – *R.Musical* ID; over others with WEZE running blank carrier.{A} [Connelly-MA] SEP 11 1000 – Fair with WEZE Boston off the air; classical music through the hour, parallel 1140 kHz. [Conti-NH]
- 590 **CUBA** *R.Rebelde*, Guantánamo-Berene SEP 10 0259 – Under CJCL with WEZE Boston off the air; sounder and news with attention signal splashed between items. [Conti-NH]
- 600 **COLOMBIA** HJHJ *R.Libertad*, Barranquilla SEP 2 0058 – *R.Libertad* ID; over *R.Rebelde* and WYEL.{A} [Connelly-MA]
- 600 **PUERTO RICO** WYEL Mayagüez AUG 31 0100 – WKAQ net ID parallel 580; over mess. [Connelly-MA]
- 610 **BRAZIL** ZYL268 *R.Itatiaia*, Belo Horizonte AUG 31 0100 – A Voz do Brazil mention, Itatiaia jingle and ID; over WGIR.{A} SEP 2 0001 – Portuguese language sporting event; over Cuba, WIOD. [Connelly-MA]
- 610 **COLOMBIA** HJKL *La Cariñosa*, Bogotá AUG 31 0801 – Woman with “La Carinosa” ID; over WIOD, Rebelde, others.{A} [Connelly-MA]
- 620 **BRAZIL** ZYH590 *R.Assuncao Cearense*, Fortaleza AUG 31 0101 – Fast Portuguese talk by man; mixed with Rebelde Cuban.{A} [Connelly-MA]
- 630 **PUERTO RICO** WUNO San Juan SEP 2 0000 – NotiUno Seis Treinta ID; over WPRO, Cuba. [Connelly-MA]
- 650 **COLOMBIA** HJKH, RCN *Antena Dos*, Bogotá SEP 2 0100 – Antena Dos Colombia ID; over Progreso Cuban.{A} [Connelly-MA]
- 680 **PUERTO RICO** WAPA San Juan SEP 1 2359 – Advert with phone number, Wapa jingle; under WRKO. [Connelly-MA]
- 690 **BRAZIL** ZYH587 *R.Shalom*, Fortaleza AUG 30 2359 – Portuguese preacher; over CKGM, HJ CZ.{A} [Connelly-MA]
- 690 **COLOMBIA** HJ CZ, *W Radio*, Bogotá AUG 31 0100 – “W” ID’s, Spanish talk; mixed with Brazil, others. SEP 2 0300 – Segment of vocal, then talk parallel 700 HJ CX; under CKGM. [Connelly-MA]

- 700 **BRAZIL** ZYK686 *Nossa Radio*, São Paulo AUG 31 0059 – Woman and man in Portuguese, palabra de dios mention; loud, well over HJCX, others.{A} SEP 2 0301 – Man in Portuguese preaching; now atop. [Connelly-MA]
- 700 **COLOMBIA** HJCX, *W Radio*, Cali AUG 31 0259 – *W Radio* ID in talk, thanks to Mauricio Molano (RealDX) for ID help.{A} SEP 2 0300 – Segment of vocal, then talk parallel 690 HJCZ; mixed with Brazil. [Connelly-MA]
- 720 **COLOMBIA** HJAN *Emisoras Unidas*, Barranquilla AUG 31 2359 – *Emisoras Unidas* ID; over others. [Connelly-MA]
- 730 **COLOMBIA** HJCU *Cadena Melodia*, Bogotá SEP 1 0001 – Melodia ID in reverberated talk by man; poor in jumble. [Connelly-MA]
- 740 **CUBA** *R.Angulo*, Sagua de Tanamo AUG 31 0000 – *R.Angulo* ID, chimes; dominant. [Connelly-MA]
- 750 **VENEZUELA** YVKS, *RCR*, Caracas SEP 1 0000 – Radio Caracas Radio and RCR 750 AM ID's; to good peak over static. [Connelly-MA]
- 760 **BRAZIL** ZYH588 *R.Uirapuru*, Fortaleza AUG 31 0000 – Man in Portuguese then woman mentioning president, *A Voz do Brasil* mentions and fanfare music, “Radio Uirapuru AM, Fortaleza” ID; loud.{A} [Connelly-MA]
- 760 **COLOMBIA** HJAJ, *RCN*, Barranquilla AUG 31 0800 – *RCN La Radio* ID; dominant. [Connelly-MA]
- 770 **CUBA** *R.Rebelde*, Victoria de las Tunas SEP 1 0000 – Sports parallel 670 et al.; clobbering WABC. [Connelly-MA]
- 800 **BONAIRE** PJB *TransWorld Radio*, Kralendijk SEP 1 0000 – ID Radio Transmundial desde Bonaire, las Antillas Holandesas; loud. SEP 2 0100 – Woman with Radio Transmundial ID; good.{A} [Connelly-MA]
- 810 **COLOMBIA** HJCY *Caracol Radio*, Bogotá SEP 2 0100 – *Caracol Radio* ID; dominant. [Connelly-MA]
- 820 **CUBA** unID SEP 2 0100 – Wobbler mixed with WNYC. [Connelly-MA]
- 820 **MEXICO** XEABCA Mexicali, BCN SEP 11 1217 – Canned ID amid romantic music with heavy beat, as “Canal ochocientos veinte, ABC Radio.” It’s been making a SAH with WBAP of slightly under 1 Hz, about 55 fades per minute, first noticed a few minutes earlier but peaking now with WBAP nulled as much as possible. WRTH 2018 shows 3.5/0.5 kW, named instead R.Frontera. IRCA Mexican Log of 2015 (will there ever be a new one?) contains both names. Not bad at a kilomele, especially if on night power as it should be, and non-directional per NRC Pattern Book of 2013 (a new edition of 2018 has just been published!). But not too unusual here on SRS. Tim Hall adds, “They have really been getting out well the past year or two. The vast majority of the time, they refer to themselves as “Canal ochocientos veinte, ABC Radio,” but occasionally they also still use “Radio Frontera,” which I believe is actually the name of the local company that operates 820 XEABCA and 940 XEMMM. A radio blogger in Mexicali told me recently that XEABCA has been granted a CP to migrate to FM as 101.3 XHABCA. The same blogger told me that long-silent 1340 XEAA was hoping to return to the air this summer (they were still off when I drove through El Centro in June).” [Hauser-OK]
- 840 **HAITI** *Radio-Télé 4VEH*, Cap Haitien-Petite Anse SEP 1 0000 – Man, “Ici radio 4VEH”; over mess. [Connelly-MA]
- 870 **CUBA** *R.Reloj*, Baracoa-Van Van//Bueycito//Sancti Spiritus SEP 1 0000 – Man with “ocho de la noche” time and woman with ID “Radio Reloj desde la Habana, Cuba”; good, way over WLVP.{A} [Connelly-MA]
- 870 **MEXICO** XETAR *La Voz de la Sierra Tarahumara*, Guachochi, Chih. SEP 11 1202 – Sign-on procedure with many ID's in Spanish and native languages, also singing, mentions of CDI parent agency [concesionario: Comision Nacional Para Desarrollo de los Pueblos Indígenas]. On the DX-398 it's separable from WWL remnants. I've seen its website before, but looking for it in the WRTH 2018, on page 281, 870 XETAR is keyed as station CH18) in Chihuahua state – but the referenced entry on page 284 for CH18) is obviously some other station, in Cuauhtemoc! If XETAR be somewhere else in the CH section, I haven't found it, but I do notice another likely typo: CH12) as “radiocanon800@latinmail.com.” [Hauser-OK]
- 910 **CUBA** *R.Cadena Agramonte*, Camagüey-Tagarro SEP 1 0000 – ID, Transmite Radio Cadena Agramonte, Camaguey, Cuba; good, over WABK. [Connelly-MA]
- 940 **COLOMBIA** HJTL, *RCN*, Cucuta AUG 31 2359 – *RCN* ID's; slightly over WIPR.{A} [Connelly-MA]
- 940 **PUERTO RICO** WIPR San Juan SEP 2 0000 – Woman with WIPR ID and San Juan mention in Spanish talk; good.{A} [Connelly-MA]

- 1000 **COLOMBIA** HJAQ, RCN, Cartagena AUG 31 0100 – Classico RCN slogan, pips, Banco Popular advert; dominant.{A} [Connelly-MA]
- 1000 **CUBA** R.Granma, Media Luna AUG 31 0301 – Spacey sound effects, chime, woman “Transmite Radio Granma”; over other Latin Americans. Some wobbling noted, maybe from R.Artemisa.{A} [Connelly-MA]
- 1010 **BRAZIL** ZYH625 Radio CBN, Fortaleza AUG 30 2359 – Woman and man in Portuguese; sometimes over WINS. AUG 31 0000 – A Voz do Brasil program intro; atop WINS.{A} [Connelly-MA]
- 1040 **COLOMBIA** HJAI R.Tropical, Barranquilla SEP 1 0000 – R.Tropical ID during CJMS fade. Best on USB to dodge 1039.61 Venezuela growl. [Connelly-MA]
- 1060 **DOMINICAN REPUBLIC** HIRV R.Amanecer, San Pedro de Macoris SEP 1 0001 – Man, “Desde Santo Domingo”; over WQOM.{A} [Connelly-MA]
- 1070 **COLOMBIA** HJAH Emisora Atlantico, Barranquilla SEP 1 0000 – Emisora Atlantico jingle popped through at 0000:40 UTC; poor in mix with R.Santa Fe and pesty Cuban wobbler. [Connelly-MA]
- 1070 **COLOMBIA** HJCG R.Santa Fe, Bogotá SEP 2 0300 – Two R.Santa Fe ID’s; over unID Latin American. [Connelly-MA]
- 1100 **BRAZIL** ZYK694 R.Globo, São Paulo AUG 31 0100 – Reverberated Portuguese talk; in jumble. [Connelly-MA]
- 1110 **CUBA** R.Angulo, Holguín AUG 31 0100 – Old fashioned vocal parallel 740; dominant. [Connelly-MA]
- 1170 **COLOMBIA** HJNW Caracol Radio, Cartagena AUG 31 0100 – Ultima Hora Caracol parallel 810; fair, alone on channel. [Connelly-MA]
- 1190 **COLOMBIA** HJCV R.Cordillera, Bogotá AUG 31 0000 – R.Cordillera ID; mixed with WLIB.{A} [Connelly-MA]



TRANS-PACIFIC DX

- 594 **AUSTRALIA** 3WV Horsham SEP 11 1000 – Carrier observed, not strong enough for audio. Measured 594.0005 kHz, matching listed offset frequency for 3WV. Local 590 WEZE Boston was off the air. [Conti-NH]
- 738 **AUSTRALIA** 2NR Grafton SEP 11 1000 – Carrier observed, not strong enough for audio. Measured 738.002 kHz, matching listed offset frequency for 2NR. [Conti-NH]
- 774 **JAPAN** JOUB, NHK-2, Akita SEP 21 1200 – I am interrupting a 9-kHz bandscan just in time to hear the NHK top-of-hour final prolonged time signal chime, from 500 kW JOUB on the NW coast of Honshu, but remains the #1 MW TP signal here, and despite splash from nearby 780 KSPI Stillwater, worsened since that flipped to music format. Along with 693, 747, and 828, other superpower NHK’s, 774 stronger than other carriers thruout my monitoring span today between 1150 and 1215 UTC. [Hauser-OK]
- 846 **KIRIBATI** R.Kiribati, London, Christmas Island SEP 11 0615 – Presumed; JBA carrier, getting to be a regular. SEP 12 0616 – JBA carrier. And again SEP 13 at 0611 check. [Hauser-OK]

Transpacific carrier search: SEP 19 1126-1131 – On the R75 with east/west long wire; 594, 612, 666, 747, 774, 828, 846, 891, 936, 1098 kHz. Immediately repeating the search on the DX-398 which I can rotate for DF, at 1133-1142; 594-NW, 612-WSW, 747-NW, 774-NW, 846-W, 936-WSW, 972-NW, 1017-?, 1035-?, 1098-?, 1512-WSW. NW points to E Asia such as Japan, Korea; WSW to Australia or NZ; W to other Pacific islands. Sunrise at Enid 1217 UTC. My neighbor Richard N Allen, with more antenna gain, was also active this morning with audio from Japan before and after 1200 UTC on 594, 774, 828 and carrier maybe Korea on 972 kHz. SEP 21 1150-1159 – On R75 with east/west long wire; 558, 594(2), 603, 612, 621, 657, 666, 675, *693, 702, 711, 747, 756, 765, *774, 792, 819, *828(2), 837, 846, 855, 873, 909, 927, 936, 972, 1035, 1044, 1098, 1134, 1287 kHz. I then hasten back to 774 Japan. *Means strongest signals, surely also NHK; (2) means (at least) two carriers beating. SEP 21 1202-1215 – Another search this time on the rotatable DX-398 with DF notations for most; 558-NW, 594-SSE? (beware, probably the 1640 KZLS spur I tracked down a few years ago), 612-WSW, 675-NW, 684-WSW, *693-NW, 702(2)-WSW, 765-WSW, *774-NW, 792-NW, 828-NW, 846-NW, 882(2), 891-NW, 936-WSW, 972-NW, 1035(2)-NW, 1053-NW, 1098-W, 1134-NW. 828 still in at 1218, almost sunrise 1219 UTC. [Hauser-OK]

CONTRIBUTORS

Roy Barstow, Menauhant Beach MA; FDM-S2, 12-ft loop.

Mark Connelly WA1ION, South Yarmouth MA; Microtelecom Perseus, cardioid pattern SuperLoop 9m vertical by 20m horizontal (peak 84°, null 264°), cardioid pattern Flag 3m vertical by 6m

horizontal to W7IUV 20 dB amp (peak 130°, null 310°), {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, variable termination Super/Ewe antenna 15 x 23-m at 60° northeast.

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 long wire.

73 and Good DX!

College Sports Networks

Well, that was embarrassing ... last week's listing for the "University of Florida Seminoles" was of course for the Florida State University Seminoles, which (as Lee Freshwater pointed out) is an ACC school, not an SEC school. For your publisher – an alumnus of Michigan State University, which is not to be confused with the University of Michigan – this is a big boo-boo.

In my defense, I just Googled "University of Florida football radio network" and up came the linked "Seminole Radio Network" ... and off to the races I went. (The actual University of Florida *Gators* network online is dated 2015, which is why I ignored it and went on to the next search result.) If you look very closely at the fine print at the bottom of the "Seminole Radio Network" page there is a mention of Florida State ... but if you're not looking for it (as I wasn't) you'd miss it.

This is why we need help with this column. Someone who will find network lists online and match them up with the right school. Matching the lists to FCC AM/FM call and location data and formatting them for *DX News* is doable at the publisher ... but researching the proper links is where we, obviously, need help. Contact the publisher at NRCDXNews@gmail.com if you can put some time into this.

University of Mississippi Rebels

<https://olemisssports.com/sports/2018/7/20/sports-m-footbl-spec-rel-radio-affiliates-html.aspx>

560	WHBQ-TN	92.9	WDXO-MS	99.1	WYMX-MS	105.1	<u>WOXF-MS</u>
990	WABO-MS	93.5	WMPK-MS	99.3	WLAU-MS	105.5	WQLJ-MS
1490	WHOC-MS	94.3	WXRZ-MS		WZLT-TN	107.1	WBYP-MS
	WVBG-MS	97.3	WFMN-MS	102.9	WWMR-MS		WLSM-FM-MS
1580	WAMY-MS		WKSO-MS	103.1	WNMQ-MS		
			WFMM-MS		WOSM-MS		
92.1	WBKN-MS	98.3	WJDR-MS	103.3	WZKR-MS		

University of Missouri Tigers

<http://sportsaffiliates.learfield.com/affiliates/missouri4>

550	KTRS-MO	1300	KMMO-MO	92.7	KASR-AR	102.1	KJFM-MO
560	KWTO-MO	1340	KXEO-MO	93.7	KTUF-MO		KTUI-FM-MO
800	KREI-MO		KSMO-MO	93.9	KSPQ-MO	102.9	KMMO-FM-MO
870	KAAN-MO	1350	KRAP-MO	94.1	W231DG-TN	103.1	KDAA-MO
950	KWOS-MO	1400	KJFF-MO	95.1	KTKS-FM	103.7	K279AP-MO
990	KRMO-MO	1430	KKOZ-MO	95.5	KAAN-FM-MO	103.9	KMCR-MO
1050	KMIS-MO	1520	KRHW-MO	96.7	<u>KCMQ-MO</u>	104.5	K283CL-MO
	KSIS-MO	1550	KESJ-MO	97.5	KNMO-FM-MO	104.9	KXEA-MO
1070	KHMO-MO	1580	KTGR-MO	98.9	K255AW-MO	105.1	KCRV-FM-MO
1170	KJXX-MO	1600	WUCT-TN	99.1	KDWD-MO	105.9	KULH-MO
1230	KWIX-MO			100.5	KTGR-FM-MO	107.1	K296HA-MO
1240	KNEM-MO	92.1	KKOZ-FM-MO		KMEM-FM-MO	107.5	KWBZ-MO
1250	KBTC-MO	92.3	K222BY-MO	100.9	KESA-AR		
1280	KYRO-MO		KTTN-MO	101.7	KHST-MO		

University of South Carolina Gamecocks

<https://gamecocksonline.com/sports/2018/6/21/sports-sports-network-scar-sports-network-affiliates-html.aspx>

1090	WCZZ-SC	1590	WCAM-SC	95.5	WIBZ-SC	104.9	WROO-SC
1150	WSNW-SC			98.3	W252DQ-SC	106.5	W293BZ-SC
1240	WKDK-SC	92.7	WKSX-FM-SC	98.9	WWIK-SC	107.1	WRHM-SC
1260	WHYM-SC	93.5	WDOG-FM-SC	99.1	W256CB-SC	107.3	WVSZ-SC
1400	WSPG-SC	93.9	WMIR-SC	102.7	W274CC-SC	107.5	<u>WNKT-SC</u>
1460	WBCU-SC	94.1	W231BX-GA	103.5	W278BE-SC		
1500	WZZQ-SC	95.3	WFRK-SC	104.3	W282AX-SC		

University of Tennessee Volunteers<https://utsports.com/sports/2017/6/14/volnetwork-affiliates.aspx>

590	WWLX-TN	1400	WVWB-TN	95.3	WTBG-TN	102.3	WGOW-FM-TN
600	WCVP-NC		WKPT-TN	95.9	WRJB-TN	102.5	WOWF-TN
680	WMFS-TN	1410	WCMT-TN	96.5	WBFQ-TN	103.1	WMXX-FM-TN
710	WTPR-TN	1420	WKSJ-TN	96.7	WMOD-TN		WIKQ-TN
730	WLIL-TN	1450	WTRO-TN		WNKX-FM-TN	104.1	WCLE-FM-TN
920	WLIV-TN	1480	WJLE-TN	97.3	WKJQ-FM-TN		WUCZ-TN
950	WAKM-TN	1490	WJMM-TN	98.3	WLXA-TN	104.5	WGFX-TN
990	<u>WNML-TN</u>		WOPI-VA	99.1	<u>WNML-FM-TN</u>	104.7	WLIV-FM-TN
1060	<u>WQMV-TN</u>	1570	WCLE-TN	101.3	W267BI-TN	105.5	WYTM-FM-TN
1090	WTNK-TN	1590	WKTP-TN		WECO-FM-TN		WBNT-FM-TN
1150	WCRK-TN			101.5	WQUT-TN	106.5	WSKZ-TN
1240	WENK-TN	92.9	WMFS-FM-TN		WFTZ-TN	106.7	WBKV-TN
1260	WDKN-TN	93.5	WKBQ-TN	101.7	WKOM-TN	106.9	WKXD-FM-TN
1270	WLIK-TN		W228CB-TN		WTPR-FM-TN	107.3	WTRZ-TN
1310	WDXI-TN		WKWX-TN		WJLE-FM-TN	107.7	WIVK-FM-TN
1340	WGRV-TN	94.3	WJMM-FM-TN	102.1	WLCT-TN		
	WCDT-TN	95.1	WCDZ-TN				

Vanderbilt University Commodores<https://vucommodores.com/sports/2018/7/12/commodore-radio-affiliates.aspx>

560	WNSR-TN	1320	WMSR-TN	93.9	WDUC-TN	103.1	W276BH-TN
1210	WMPS-TN	1490	WJMM-TN	95.9	W240CA-TN	105.1	WALV-FM-TN
1240	WEKR-TN	1510	<u>WLAC-TN</u>	97.5	W248BQ-TN		

That wraps up the SEC (except for the University of Florida Gators, where the most recent online list (as mentioned) is from 2015: https://floridagators.com/sports/2015/12/11/_radio_affiliates_.aspx)

Now let's try the Pac-12:

Arizona State University Sun Devils

98.7 KMVP-FM-AZ (conflict games on KTAR-620)

Latest network list (2009): <https://asunow.asu.edu/content/statewide-network-carry-asu-football-fall>

Oregon State University Beavers<http://sportsaffiliates.learfield.com/affiliates/oregon-state>

580	KTMT-OR	1230	KHSN-OR	1440	KODL-OR	93.5	KORV-OR
620	KPOJ-OR	1240	KEJO-OR	1450	KLBM-OR	93.7	KTMT-FM-OR
690	KRCO-OR	1250	KCFM-OR	1490	KBKR-OR	94.9	KICE-OR
840	KKNX-OR	1290	KUMA-OR		KSKR-OR	95.9	KTIL-FM-OR
910	KURY-OR	1310	KNPT-OR		KBZY-OR	96.9	K245BC-OR
940	KWBY-OR (SS)	1340	KLOO-OR	1590	KTIL-OR	103.1	K276IH-OR
960	KLAD-OR		KWVR-OR			104.1	K281AH-OR
1190	KEX-OR	1370	KAST-OR	92.1	KWVR-FM-OR	105.1	K286CJ-OR

Stanford University Cardinals<http://sportsaffiliates.learfield.com/affiliates/stanford5>

1050 KTCT-CA

University of Arizona Wildcatshttps://arizonawildcats.com/documents/2018/8/28/Introductory_Information.pdf (page 3)

780	KAZM-AZ	970	KVWM-AZ	96.5	KDAP-FM-AZ	107.5	KHYT-AZ
910	KGME-AZ	1290	<u>KCUB-AZ</u>	102.3	KWRQ-AZ		

University of California Golden Bears<http://sportsaffiliates.learfield.com/cal-bears-radio-affiliates>

810	<u>KGO-CA</u>	950	KAHI-CA	970	KESP-CA		
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University of California Los Angeles (UCLA) Bruins<https://uclabruins.com/news/2018/8/27/bruin-athletics-ucla-athletics-announces-radio-enhancements-for-2018-19.aspx>

570	<u>KLAC-CA</u> (conflict games on KEIB-1150)	97.3	KWFN-CA				
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University of Colorado Buffaloes<http://sportsaffiliates.learfield.com/affiliates/colorado>

850	<u>KOA-CO</u>	94.1	K231BQ-CO	98.9	KCOQ-CO	104.1	KBVC
1340	KTMM-CO	94.3	K232AD-CO	99.1	KMTS-CO	105.5	K288DA-CO
1490	KNAM-CO	96.3	K242AV-CO	99.5	K257CG-CO	105.7	K278BQ-CO
		96.7	K244CO-CO	100.1	KRFD	106.1	KNFO-CO

University of Oregon DucksLatest network I could find (2004!): <https://goducks.com/sports/2004/8/5/68136.aspx>

In Portland starting 2018: KFFX-1080

University of Southern California (USC) Trojans710 KSPN-CA plus network not published online**University of Utah Utes**[https://utahutes.com/documents/2018/7/12/2018 Utah Football Media Guide web.pdf](https://utahutes.com/documents/2018/7/12/2018_Utah_Football_Media_Guide_web.pdf) (page 5)700 KALL-UT 750 KOAL-UT**University of Washington Huskies**<https://gohuskies.com/sports/2016/6/27/football-radio.aspx> (2018 despite the link)

630	KJNO-AK	1170	KPUG-WA	1460	KUTI-WA	97.7	KOMO-FM-WA
680	KOMW-WA	1230	KIFW-AK	1470	KELA-WA	102.1	K271AH-WA
900	KKRT-WA	1420	KUJ-WA	1490	KWOK-WA	102.3	K272EL-OR
1000	<u>KOMO-WA</u>	1430	KBRC-WA		KLOG-WA	107.1	KPKL-WA
1020	KWIQ-WA	1450	KONP-WA				

Washington State University Cougars

560	KPQ-WA	910	KMTT-WA	1390	KBBO-WA	100.7	K264CH-WA
610	KONA-WA	920	KXLY-WA	1450	KCLX-WA	103.9	K280FQ-ID
660	KAPS-WA	930	KBAI-WA	1470	KBSN-WA	104.3	KMNT-WA
700	KBYR-AK	1030	KMAS-WA				<u>KHTR-WA</u>
710	KIRO-WA*	1240	KCVL-WA	92.7	KNCW-WA	104.5	K283BX-WA
770	KTTH-WA*	1320	KGDC-WA	98.5	KEYG-FM-WA		

FCC Silent Station List

101 stations on the FCC web site as of September 21, 2018 – often less than 100% accurate.

580	KANA-MT	1160	WAIX-NY	1360	WHCG-GA		WSTP-NC
740	KCMC-TX		WBYN-PA		KUIK-OR		KFKB-WA
750	WBMD-MD	1170	WKFL-FL	1380	WWNT-NC		KJNT-WY
760	KMTL-AR	1190	KJJI-AR		WAGS-SC	1500	WAKE-IN
790	KKON-HI		KNEK-LA	1390	WPLM-MA		WQMS-MS
820	WTNW-TN	1210	WDGR-GA	1400	KWNA-NV		WGHT-NJ
850	KHLO-HI	1220	KLBB-MN		KSRR-UT	1510	WBSG-PR
880	WAMI-AL	1230	WRJX-AL		WRON-WV	1520	WTHE-NY
900	WABY-NY		KLXR-CA	1410	WIQR-AL		WRSJ-PR
	WNMB-SC		KOBB-MT		KQV-PA	1530	WZTE-PA
910	KLCN-AR	1240	WULA-AL	1420	WUKQ-PR	1540	WKDG-AL
940	KCOE-OR		KJAA-AZ	1440	KPTO-ID		WJZI-IN
980	KICA-NM		WPTR-NY	1450	WZGX-AL		WKXG-MS
990	WRFM-IN	1250	KPZK-AR		WCOX-AL		WDCD-NY
	WBTE-NC	1260	KBHC-AR		KIKR-TX		WNWR-PA
1000	WCMX-MA		WMDG-GA	1460	KHRA-HI	1550	KNSH-TX
1020	KCKN-NM	1270	WHGS-SC		WATD-MA	1570	KPRO-CA
1060	WGSB-NC	1280	WCPM-KY		WEWO-NC		WLEE-MS
1080	KWAI-HI	1300	KROP-CA	1470	KAIR-KS	1580	WDAB-SC
	KCNM-MP		WFFG-FL		WWBG-NC	1590	WRXB-FL
1090	KBOZ-MT		KLLS-TX	1480	WRCK-NY	1620	WDND-IN
	KVOP-TX		KKOL-WA		WQTM-NC		WDHP-VI
1130	WALQ-AL	1310	KIQQ-CA		KNTB-WA	1660	WGIT-PR
1140	WMMG-KY	1330	WSPQ-NY	1490	WSYL-GA	1690	WMLB-GA
	WQII-PR	1340	WAGR-NC		KRTK-ID	1700	WRCR-NY
		1350	WOAM-IL				

What Would It Take to Get You to Listen to AM Radio?

Richard Wagoner, *Los Angeles Daily News*, Sept. 4, 2018

<https://www.dailynews.com/2018/09/04/radio-what-would-it-take-to-get-you-to-listen-to-am-radio/>

Longtime readers of this column know I'm a bit crazy when it comes to AM radio.

Unlike many – seemingly, most – owners managers or programmers, I believe that an AM station can compete if it pays the right format. And in my opinion, that usually means music – music that can't be found on FM. Do that, and you can attract new listeners, including young people who have not had an AM station that programmed to them since the 1970s.

As I said a few weeks ago, I've been writing this column since 1987, and not once has anyone ever told me that they don't listen to AM because of issues with audio quality. People tell me they don't listen because, with rare exception, the programming just isn't appealing.

But don't take my word for it. Here are some of the responses you sent to me in answer to the question: Would you listen to an AM station if it played something you wanted to hear?

"What would it take to lure listeners back to AM radio? The answer is quite simple. Give them what they want to hear!" – Tom Murphy

"To me, the most important thing about me is the radio content/format, not necessarily the broadcast quality. As long as KSRF plays 60's and 70's music, I'll be listening" – Randy Ouchi

"You can't hear new music or certain styles on any station; I'd definitely listen to AM if they played new music, metal or Prog. So would my friends in school." – Sean Rogers

"I agree with you; the AM band should have better formats. Since we already have an oldies format, I think it would be great if we had a format on the band that would play music from the Classic Rock Era (1964-1990). We really need to have more music formats on the AM radio band." – Russell Cinque, Jr.

"AM has nothing that would interest anyone my age. My friends don't even listen to FM stations, either. We get our music online. If an AM station played new songs and new bands, I'd definitely tune in." – Kayleigh Marcus

"Up until 6 months ago, the only things I listened to on AM radio were broadcasts of Kings and Ducks games. Then when my favorite FM station went off the air, I discovered K-SURF. While I love their format, I would be thrilled if there were an AM station that played songs from the '60s, '70s and some '80s that were not so pop, but more folk-oriented. Joni Mitchell, Leonard Cohen, Judy Collins, Joan Baez and some of the lesser-known artists like Bob Lind, Hedge & Donna, Eric Andersen etc." – Susanne Gilmore

"I haven't listened to an AM station for years until you told us about K-SURF. I haven't listened to KRTH since. I love, love, love this oldies station! I have it on all day at home and in my car. What a wonderful change from all the FM stations playing songs I'm sick of. I only wish it had better reception." – Pat Games

"There are way too many commercials and very little content. What I believe would make for better programming is a mixture of local news, interviews of people with interesting stories or new books, with various music intertwined." – Bill Fisher

"How about a station that blends classic country with new country? Done right, this could fill a big void, as great artists like Alan Jackson and Toby Keith no longer can get played on the current FM channel." – Steve Keller

"I would listen to AM if they played something I liked. Maybe give exposure to some artists that aren't played anywhere else, especially if they play real instruments. There are lots of good songs you can't hear on the radio" – Antonio A.

"Offer something that isn't already on the radio. '50s music. '60s music. How about a comedy station? Something new can just be something old, made new again." – Veronica Ross

There you have it. Programming will bring people of all ages back to AM radio, especially in an era when the FMs are all too scared to take chances. AM stations – like FM stations in the 1960s – have nothing to lose ... and everything to gain.

Once programming is in place, we can tackle the technical issues and find that in spite of its reputation, AM can provide good, perhaps excellent, audio quality. That topic will be covered in a future column.

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Farewell Silver Dollar Radio

Josh McDonald, *Shoshone News-Press*, Sept. 5, 2018 (via Tim Hall)

http://www.shoshonenewspress.com/local_news/20180904/farewell_silver_dollar_radio

After 80 years the KWAL-AM 620 radio station signed off for the final time at 11:59 p.m. on Saturday night.

The third oldest radio station in the state had been a hub for mobile information over the years providing local listeners access to election results, school lunch menus, school closures, regional and national news, and local sports.

The station in its current form came to be after Paul Robinson and other investors bought the station from Lee Black in the fall of 1971 and reopened the station in 1972.

In 1977, Robinson hired his right-hand man and local legend George White, and the two have been riding the waves together ever since.

Over the years, Paul and George would be seen doing just about everything together, the chemistry between the two evident when listening to any of their broadcasts.

Over the years the station experienced the financial hardships that are being felt by nearly every smaller media outlet across the country, but KWAL would power through them.

"The internet is killing small business," Robinson said. "The other day I got an ad on my phone for Levis jeans. You can buy directly from Levis now. What does that do to Sears, J.C. Penney or Macy's? What does that do to the little mom and pop businesses that are selling Levis? These are businesses that advertised and sponsored with us and it's killing them."

Besides lost revenue to the internet, KWAL suffered a death blow when the Federal Communications Commission (FCC) declined to renew the station's extension to utilize their single radio tower at 250 watts and would only allow them to operate at 60 watts.

What that means is they would only be able to power a signal as far as Silverton.

They had a second radio tower, but in 2016 the tower was destroyed after an inattentive driver clipped the guy wire, pulling the tower down into the South Fork Coeur d'Alene River.

That second tower was vital for the station, allowing it to operate at night on a lower strength signal, so as to keep the signals from crossing with signal in Spokane, western Montana, and even as far away as Portland, Ore.

After the tower was destroyed, the FCC allowed the station to use the remaining tower to broadcast at 250 watts, which kept the signal strong enough to broadcast from Kingston to Mullan.

"It was enough for us to cover the local towns," Robinson said. "And it kept us out of the western Montana area and over the hill. We had six months to get a new tower up and after those six months, we got an extension. I think we got four extensions."

Unfortunately, the driver who pulled the tower down also hit some power poles that caused the power to go out in the Sunny Slopes area and after the power company got their cut of the insurance money, there wasn't enough left for KWAL to pay the near-\$200 thousand it would take to get a new tower and then have it set up and calibrated.

Even as they stare retirement in the face, the two DJs look back fondly on their time behind the mic, but will miss one thing in particular.

"I'm gonna miss sports the most," White said. "We saw so many good athletes over the years. We are going to miss calling the ball games."

Publisher's Note: Two comments on this article. First, contrary to what is stated in the article, the FCC's official renewal of KWAL's STA (dated July 24, 2018) specifically allows for an STA power of 250 watts at night for the usual 6-month period, running until January 2019. If the FCC in fact reduced the STA night power to 60 watts, there's no record of it in the FCC online system.

Second, until the station turns in its license to the FCC (or is silent for a full year), don't count on it being permanently dark. I've seen many newspaper articles announcing the permanent closure of a station, only for a buyer to turn up who wants to keep the station on the air under new ownership. In other words, don't believe everything you read, and don't cross KWAL out of your Log just yet!

Also, fans of Scott Fybush's Tower Calendar will remember the two towers of KWAL (when both were standing) as they were photographed with Interstate 90 actually crossing between the towers. There's an online photo an article from Scott at <https://www.fybush.com/site-of-the-week-10262012-kwal-wallace-idaho/>



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