

DX News

Serving DXers since 1933



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NRC AM Log 39th Edition: The deadline for changes to the AM Radio Log database prior to the preparation of the 39th Edition will be August 4. Wayne Heinen requests that any local changes be sent to him before that date, via email amlog@nationalradioclub.org.

IRCA TIS/HAR List: The IRCA TIS/HAR LIST lists all US and Canadian TIS/HAR stations, by frequency, including call letters, state (province,) city, county, licensee, address, coordinates, expiration date and dates of DXM/DXN reports/sources. It has been updated with FCC data, DXM, DXN and DXer reports, and on-line listings through July 1, 2018.

The 2018 IRCA TIS/HAR LIST is posted on the IRCA website for all to download. The link is: http://www.ircaonline.org/editor_upload/File/TIS_2018.pdf

For those preferring a hard copy, one can be ordered from the IRCA. Prices: IRCA/NRC members – \$9.50 (US), \$11.00 (Canada) \$12.50 (México), \$14.00 (rest of the world). Non-IRCA/NRC members – add \$2.00.

Madison-Milwaukee DX Get-together: It is almost time for this year's Madison-Milwaukee DX Get-together and this one is a milestone edition! The 25th annual Madison-Milwaukee Get-together for DXers and Radio Enthusiasts will be held on Saturday August 18 from 1:00 to 9:30 PM CDT. This year's location is Madison WI and, like two years ago the venue is beautiful and spacious Lake Farm County Park (4330 Libby Road, Madison WI 53711). Your hosts are Mark Taylor and Bill Dvorak, and we would be very pleased if you joined us in celebration of our long history. Interested? For more information or an invitation, e-mail Bill at dxerak@gmail.com or Mark at markpik@gmail.com (please include "Madison DX Get-together" in the subject line). Participation by NRC members is strong every year for this event, and this year should be no exception. We hope you can join us! See you on August 18!

The NRC's New Internet Home: Don't forget the new NRC internet address has been updated to www.nationalradioclub.org. Lots of content

here, and you can join or renew your membership, order publications online, and check out all the other features of the site. This doesn't replace www.e-dxn.com, which is still your source for the electronic version of *DX News* and other members-only content.

Confirmed DXer: No tips received for this issue; Phil's next deadline will be Sept. 6 (for address see page 19).

NRC-AM Listserve: To be added to the [NRC-AM] Google Group listserv, moderated by Russ Edmunds, just e-mail Wayne Heinen at his new address amlog@nationalradioclub.org from the email that you wish to subscribe to the list with, and he'll get you added.

Volume 85 DX News Schedule

No	D'dline	Print	No	D'dline	Print
19	Aug. 17	Aug. 27	20	Sept. 7	Sept. 17

Membership Report

Have had my Hammarlund SP 600, cleaned and ready to go. Have not used the receiver since my father died in '83. So it was pretty dusty. In my early years (1950's) there were a lot of special DX programs from many stations. There were few all-nighters then, now it is different or is there a disinterest by stations to put on something special? Then other stations would sign-off for a special DX Program and I doubt if they are so inclined today. I enjoy the publication and what the "Guys" are hearing through so much QRM. – Paul Thomas

New Member: Welcome to Joseph Burke, Concord, NH; Rickey Singleton, Louisville, KY; and Henry Mensch, Syracuse, NY.

Rejoining Member: Welcome back to Joseph Vargo, Livonia, MI.

Renewing Members: Thanks for the ongoing support of Roger Anderson; Francesco Clemente; Barry S. Finkel; Louis Ford; Dave Freeman; Christopher Michael Gaston; William R. Hale; Melugin; James J. Nahirniak; Jerry Neal; James Neff; Jorgen Odd-Sagdahl; Mark Pettifor; Albert V. Prete; Charles Rader; Andy Ross; Terry Sparks; Paul Thomas; and Thomas H. White.

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 changes from the FCC and CRTC

CALL CHANGES

- 730 WZMF PA Nanticoke – Call change to WGMF (July 4).
1460 WGMF PA Tunkhannock – Call change to WZMF (July 4).



Also, the prospective new owners of WWGE-1400 Loretto PA have reserved WYUP.

NEW STATION WATCH

- 780 CP UT Draper – CP for new station with U4 1000/250 expired unbuilt and deleted.
980 CP AK Kenai – CP for new station with U1 5000/500, applies to amend CP to U1 5000/2500 on 960 kHz, slightly revised coordinates to match the Kenai 840 kHz CP (60-30-38/151-16-12).

STATIONS GOING DARK

- 910 KWDZ UT Salt Lake City – License cancelled at licensee's request per Apr. 25 letter.
1210 WLRO LA Denham Springs – License cancelled at licensee's request per June 13 letter; station has been silent since June 16, 2017.
1600 WXMY VA Saltville – License cancelled at licensee's request per June 27 letter to FCC; station has been silent since June 2, 2017.

CONSTRUCTION PERMITS (CPs) FOR EXISTING STATIONS

CPs fully licensed and on the air:

- 940 WGFP MA Webster – Granted license to cover CP, but specifying D1 1000 at 42-03-17/71-49-59.
950 WAKM TN Franklin – Granted license to cover CP for U1 5000/75 from new site 35-54-22/86-54-21.
1070 WMIA PR Arecibo – CP for U1 510/2500, new tower at 18-27-32/66-45-20, is on the air.
1190 WCRW VA Leesburg – CP for U4 50000/1200, current site, is on the air.
1330 WNIX MS Greenville – CP for U1 3800/55, current site, is on the air; applied for LTC more than three years ago but has been held up over a fee dispute with FCC.

CPs granted:

- 1020 KVNT AK Eagle River – Granted CP with U1 10000/10000 (now U2).
1280 WSAT NC Salisbury – Granted CP with U1 1000/119.
1440 KTUV AR Little Rock – Granted CP with U2 23000/240.
1570 KDIZ MN Golden Valley – Granted CP with U1 4000/220 from new site.
1590 WSMN NH Nashua – Granted CP with U1 770/58 from new site.

Application to amend CP:

- 1060 WLNO LA New Orleans – Has built its CP for U1 10000/245 and has a pending application for a license to cover; has now filed an amendment saying per FCC staff request it is applying to reduce power to U1 10000/300 – which would be an increase, I think. A correction is probably coming.

Applications for CP received:

- 740 KCMC AR Texarkana – Applies for CP with U1 680/68, moving to KFTS-940 site at 33-24-30/94-02-47.
790 KOSY AR Texarkana – Applies for CP with U1 1000/23.
920 KDHL MN Faribault – Applies for CP with U4 3300/1000, going from 7 towers to 3.
1200 WSML NC Graham – Applies for CP with U1 4600/8, diplexed with WPCM-920 at 36-05-51/79-29-11.
1320 KNIT UT Salt Lake City – Applies for CP with U1 730/730, diplexed with KRRF-1230 at 40-39-58/111-54-26.



Amendment made to pending CP application:

890 KJME CO **Fountain** – Has pending application for U4 5000/250; amends to U4 5000/240.

SPECIAL TEMPORARY AUTHORITY (STA)

STAs granted:

730 WMNA VA **Gretna** – Granted STA, U1 250/7, loggers cut transmission lines to towers.
 820 WWFD MD **Frederick** – Granted STA, experimental authority for all-digital operations; translator W232DG-94.3 will continue to provide analog service.
 860 WFSI MD **Baltimore** – Granted STA, D3 1875, failure in transmitter power module.
 990 KZZB TX **Beaumont** – Granted STA, U1 250/250, silent station needs to broadcast to maintain license.
 WREJ VA **Richmond** – Granted STA, D1 30 from 80m dipole at 37-47-47/77-20-00 during tower replacement.
 1170 KJNP AK **North Pole** – Granted STA, U1 4000/4000 from temporary inverted V dipole antenna during tower repairs.
 1250 WGAM NH **Manchester** – Granted STA, parameters at variance during FM diplexing.
 1260 WPNW MI **Zeeland** – Granted STA, U1 1000/250, transmitter building fire June 20.
 1310 WICH CT **Norwich** – Applies for STA, reduced power (using U4 3000/3000) due to overheating transmitter.
 1320 WTKZ PA **Allentown** – Granted STA, D1 180, transmitter problems.
 1370 WCOA FL **Pensacola** – Granted STA, U3 2000/2000, night pattern 24 hours, pattern switching problems.
 1400 KSRR UT **Provo** – Granted STA, U1 200/200, 120' longwire at licensed site; tower collapsed.
 1480 WQTM NC **Fair Bluff** – Granted STA, reduced day power (using U1 1000/48).
 1490 WMOA OH **Marietta** – Granted STA, reduced power or parameters at variance.
 1510 WMEX MA **Boston** – Granted STA, U1 2000/100, WBIX-1260 tower at 42-16-25/71-02-30.
 1540 WYCL OH **Niles** – Granted STA, D1 125, damage to antenna tuning unit.
 1570 WHTX OH **Warren** – Granted STA, U1 125/29, collapsed tower.
 WQTW PA **Latrobe** – Granted STA, U1 500/224, tower problems.
 1580 WHLY IN **South Bend** – Granted STA, U1 125/125, fire damage to phasing system.

Applications for STA received:

550 KTRS MO **St. Louis** – Applies for STA, U1 5000/1250, one tower collapsed in windstorm.
 1280 KWHI TX **Brenham** – Applies for STA, temporary inverted-L antenna while new tower is constructed as per CP.
 1310 WISE NC **Asheville** – Applies for STA, U1 5000/250, night phasor problems.
 1400 WZAZ FL **Jacksonville** – Applies for STA, U1 250/250, temporary longwire at 30-19-05/81-32-24, engineering problems with current tower.
 WVWB TN **Clarksville** – Applies for STA, minor parameters at variance.
 1470 WMBD IL **Peoria** – Applies for STA, U1 3800/1250, lightning damage to one tower.

Extensions to previous STAs granted:

620 WDAE FL **St. Petersburg** – Granted STA extension, U2 11200/11000, Cuban QRM.
 640 WMEN FL **Royal Palm Beach** – Granted STA extension, U4 25000/4500, Cuban QRM.
 660 WORL FL **Altamonte Springs** – Granted STA extension, U1 875/250.
 790 KOSY AR **Texarkana** – Granted STA extension, night parameters at variance.
 WFUN OH **Ashtabula** – Applies to extend STA, parameters at variance or U1 1250/250.
 850 WKGE PA **Johnstown** – Granted STA extension, U1 2500/2500.
 WABA PR **Aguadilla** – Granted STA extension, U1 1000/1000 from 200' LW antenna at licensed site.
 890 KJME CO **Fountain** – Granted STA extension, U1 1250/145.
 910 WSRP NC **Jacksonville** – Granted STA extension, U1 5000/1250 (or lower day power).
 930 KSDN SD **Aberdeen** – Granted STA extension, U1 1250/250.
 940 WINZ FL **Miami** – Granted STA extension, U2 50000/25000, Cuba QRM.
 1040 KLHT HI **Honolulu** – Granted STA extension, temporary tower at 21-20-09/157-53-53.
 1070 WMIA PR **Arecibo** – Granted STA extension, U1 510/2500 as in CP.
 1080 WKAT FL **Coral Gables** – Granted STA extension, U4 50000/20000, Cuban QRM.
 1110 WPMZ RI **East Providence** – Granted STA extension, day params. at variance or D1 1250.
 WVJP PR **Caguas** – Granted STA extension, temporary inverted L antenna.
 1200 WGDL PR **Lares** – Granted STA extension, U1 1000/1000.

1230	WDWR	FL	Pensacola – Granted STA extension, U1 250/250 from 145' LW antenna.
	KRRF	UT	Murray – Granted STA extension, U1 20/20, unipole at 40-43-14/111-54-07.
	WNIK	PR	Arecibo – Granted STA extension, temporary 200' tower.
1250	WARE	MA	Ware – Granted STA extension, parameters at variance or reduced power.
1270	KZTQ	NV	Sparks – Granted STA extension, U1 13000/1250 or night parameters at variance.
1340	KBNW	OR	Bend – Granted STA extension, U1 1000/500, longwire at 44-03-32/121-17-57.
1410	KMYC	CA	Marysville – Granted STA extension, U1 1250/250.
	WING	OH	Dayton – Granted STA extension, U1 5000/1250.
1420	KGIM	SD	Aberdeen – Granted STA extension, U1 650/58.
	KRIZ	WA	Renton – Granted STA extension, U1 250/125 from KYIZ-1620 tower.
1470	KUTY	CA	Palmdale – Granted STA extension, U1 1250/1250.
1500	KHKA	HI	Honolulu – Granted STA extension, temporary tower at 21-20-09/157-53-53.
	WMNT	PR	Manati – Granted STA extension, parameters at variance from CP tower.
1510	KGA	WA	Spokane – Granted STA extension, U4 14000/15000, night pattern 24 hours.
1530	WOBX	NC	Wanchese – Granted STA extension, D1 250.
1540	KZMP	TX	University Park – Granted STA extension, night parameters at variance.
1580	WVZN	PA	Columbia – Granted STA extension, temporary 30' LW antenna.

Applications to extend previous STAs filed:

570	WTBN	FL	Pinellas Park – Applies to extend STA, U4 5000/10000, Cuban QRM.
620	KWAL	ID	Wallace – Applies to extend STA, U1 1000/250.
670	KPUA	HI	Hilo – Applies to extend STA, U1 1000/1000.
720	WHYF	PA	Shiremanstown – Applies to extend STA, temporary longwire.
1030	WOSO	PR	San Juan – Applies to extend STA, U1 300/300, temporary antenna.
1050	KTCT	CA	San Mateo – Applies to extend STA, U4 50000/35000, Mexico QRM.
1270	WACM	MA	Springfield – Applies to extend STA, U4 1000/1000.
1290	KAZA	CA	Gilroy – Applies to extend STA, U1 1250/20 from KZSJ-1120 tower.
1320	KNIT	UT	Salt Lake City – Applies to extend STA, D1 90 from temporary longwire.
1410	WELM	NY	Elmira – Applies to extend STA, U1 5000/250.
1450	KQTE	CA	Helendale – Applies to extend STA, U1 50/50 from temporary longwire.
	KYLW	MT	Lockwood – Applies to extend STA, U1 30/30 from temporary longwire.
	KJCV	WY	Jackson – Applies to extend STA, temporary antenna/site.
1530	KZNX	TX	Creedmoor – Applies to extend STA, U3 220/220, night pattern/site 24 hours.
1590	WKTP	TN	Jonesborough – Applies to extend STA, U1 1250/1250.
1600	WEHH	NY	Elmira Heights-Horseheads – Applies to extend STA, U4 3500/170, all using day pattern.

SILENT STATIONS

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

580	KANA	MT	Anaconda – Silent July 17, 2017; back on the air July 12.
740	KCMC	TX	Texarkana – Silent Aug. 7, 2017; back on the air July 13.
850	KHLO	HI	Hilo – Silent June 30, 2017; back on the air June 27
910	WSRP	NC	Jacksonville – Silent Dec. 6, 2017; on the air with STA Jan. 8 (but just off FCC silent list now).
990	KZZB	TX	Beaumont – Silent Sept. 1, 2017; on the air with STA July 19.
1290	WCBL	KY	Benton – Silent May 12; back on the air after repairs June 21.
	WJBI	MS	Batesville – Silent July 7, 2017; back on the air June 27.
1480	WQTM	NC	Fair Bluff – Silent July 26, 2017; back on the air 1900 July 15 with STA.
1490	KJNT	WY	Jackson – Silent June 25, 2017; on the air to preserve license June 22.
1500	WQMS	MS	Quitman – Silent July 19, 2017; back on the air July 10.
1510	WMEX	MA	Boston – Silent June 30, 2017; back on the air with STA June 29.
1530	KVOG	GU	Agaña – Silent July 1, 2017; on the air with STA June 23.
1570	WHTX	OH	Warren – Silent Feb. 20; on the air with STA July 14.
1580	WHLY	IN	South Bend – Silent May 21; back on the air July 6 with STA (U1 1000/125).
1590	WABV	SC	Abbeville – Silent May 1, 2017; back on the air Apr. 29 with reduced power.

Stations informing the FCC that they are silent:

760	KMTL	AR	Sherwood – Silent Mar. 1, weather damage to transmitter.
790	KKON	HI	Kealakekua – Silent (again) June 13; transmitter needs replacing.
1080	KWAI	HI	Honolulu – Silent June 26; station has lost licensed tower site.

- 1260 WMDG GA **East Point** – Silent July 12; has received zoning approval and is awaiting power installation for full operation of CP to move here (ex-1270 kHz).
- 1290 WRPA RI **Providence** – Silent June 22; vandalism at transmitter site.
- 1310 KIQQ CA **Barstow** – Silent June 19; station has lost licensed tower site.
- 1410 KQV PA **Pittsburgh** – Silent June 4; has CP to diplex with WEDO-810.
- 1540 WYCL OH **Niles** – Restored to silent list after license reinstated.
- 1540 WNWR PA **Philadelphia** – Silent June 14 after acquisition by new owners.
- 1590 WRXB FL **St. Pete Beach** – Silent July 6; financial problems.

COORDINATE CORRECTION

- 830 KSDP AK **Sand Point** – CP to correct coordinates to 55-21-01/160-28-14 is on the air.

NRC AM Log Updates

- 540 WGOP MD **Pocomoke City** – Format to EZL/OLD (ex-C&W); delete slogan, nets. (SK)
- 580 WACQ AL **Tuskegee** – Delete // W266BJ-101.1. (FCC)
- 630 KJNO AK **Juneau** – Adds // K257CN-99.3. (FCC)
- 730 WJMT WI **Merrill** – Adds // W242CZ-96.3. (FCC)
- 740 WHMT TN **Tullahoma** – Slogan & Group to Grp =Whisky Country 740 & 105.1.
- 810 KTBI WA **Ephrata** – Adds // K291CS-106.1. (FCC)
- 850 WKGE PA **Johnstown** – Slogan & Group to Grp= Great Music, Local Sports.
- 880 KKMC CA **Gonzales** – Slogan to "Central Coast Christian Radio."
- 900 WJWL DE **Georgetown** – Slogan & Grp =La Raza 900 AM 100.3 FM.
- 920 WMOK IL **Metropolis** – Slogan to "Real Country."
- 930 WHLM PA **Bloomsburg** – Format to CLR (ex-AC/OLD). (SK)
- 950 WDIG OH **Steubenville** – Format to UC:AC (ex-UC:AC); networks to WW1.
- 960 WFGL MA **Fitchburg** – (Was silent, transmitter failure, already returned to air.) (FW)
- 970 WDUL WI **Superior** – Delete slogan; networks to CS/Jr.
- 980 KMIN NM **Grants** – Adds // K282BW-104.3; delete // K225CH-92.9. (FCC)
- 990 WREJ VA **Richmond** – Slogan to "Rejoice!"
- 1110 KGFL AR **Clinton** – Slogan & Group to Grp= Cruisin' Oldies 1110 AM & 94.7 FM.
- WJML MI **Petoskey** – Slogan & Group to Grp= NewsRadio 1210 (ex- Slogan & Group Grp=The talk of the North).
- 1150 WONG MS **Canton** – Adds // W288DU-105.5. (FCC)
- KHRO TX **El Paso** – Format to OLD (ex-SS/EE:REL); slogan to "1150 Oldies Radio," "The Fox AM," delete networks.
- KOLJ TX **Quanah** – Slogan & Group to Grp= Texoma's Home for Country Classics.
- 1180 WLTT NC **Carolina Beach** – Format to SS:REL (ex-TLK/UC:OLD); delete slogan.
- 1220 WSRQ FL **Sarasota** – Format to OLD (ex-TLK/SPT); slogan to "Hitland SRQ," delete networks; adds // W295BH-106.9, deletes // W252DF-98.3.
- WZBK NH **Keene** – Delete // W281AU-104.1. (FCC)
- 1230 WAUD AL **Auburn** – Adds // W266BJ-101.1. (FCC)
- WANO KY **Pineville** – Adds // W251CV-98.1. (FCC)
- WFAY NC **Fayetteville** – Format to C&W (ex-SPT); slogan to "All American Country," delete networks.
- KERV TX **Kerrville** – Format to TLK (ex-TLK/C&W); slogan to "Talk 1230."
- 1240 WSDR IL **Sterling** – Adds // W226CL-93.1. (FCC)
- KICD IA **Spencer** – Adds // K273DD-102.5; delete // K252EX-98.3. (FCC)
- WVSL NY **Saranac Lake** – Format to CLR (ex-NOS); slogan & Group to Grp= Adirondack 105
- 1260 KDUZ MN **Hutchinson** – Adds // K243CQ-96.5. (FCC)
- 1280 WMXB AL **Tuscaloosa** – Drop slogan; adds // W297BJ-107.3; delete // WWPG-104.3.
- WTMY FL **Sarasota** – Delete // W295BH-106.9.
- WBWX PA **Berwick** – Format to CLR (ex-AC/OLD). (SK)
- 1290 WHIO OH **Dayton** – Slogan to "AM 1290 & News 95.7."
- 1310 KZRG MO **Joplin** – Group to Grp= NewsTalk 102.9 FM 105.9 FM and 1310 AM (ex-Grp= NewsTalk 1310). (BH)
- 1360 WQVN FL **North Miami** – Format to Haitian (ex-SS:REL); delete slogan. (TK)
- WFLW KY **Monticello** – Adds // W239CP-95.7. (FCC)
- KDJW TX **Amarillo** – Slogan & Group to Grp=St. Valentine Radio.

- 1380 **KQKD SD Redfield** – Format to CLR (ex-REL); slogan to "Classic Hits," adds // K260DG-99.9. (FCC)
KRKO WA Everett – Format to OLD (ex-SPT); slogan to "Everett's Greatest Hits, Sports & More," delete networks.
- 1400 **WFDM FL Fort Walton Beach** – Reported Silent 7/2018 (ex-TLK); delete slogan, nets. (GB)
WSIC NC Statesville – Format to TLK (ex-TLK/SPT); Slogan & Group to Grp= NewsTalk 1240; networks to Fox/Ru/P/Ing/CMP/PRN/C2C.
WWGE PA Loretto – Slogan & Group to Grp= Great Music, Local Sports.
- 1410 **WELM NY Elmira** – Adds // W293CZ-106.5. (FCC)
1420 **WWSZ GA Decatur** – Format to UC (ex-ETH); slogan to "Streetz 94.5," add // W233BF-94.5.
WKSJ TN Pulaski – Group to Grp= Serving Giles County.
KJDL TX Lubbock – Format to C&W (ex-REL); delete slogan.
- 1440 **WRGM OH Ontario** – Delete // W247BL-97.3. (FCC)
1450 **KVSI ID Montpelier** – Slogan to "Southern Idaho's Country 101.7 & AM 1450."
KQDI MT Great Falls – Adds // K248DJ-97.5. (FCC)
- 1470 **KWSL IA Sioux City** – Adds // K254DL-98.7.
WTZE VA Tazewell – Adds // W238DB-95.5. (FCC)
- 1480 **KTHS AR Green Forest** – Slogan & Group to Grp= 96.9 The Legend.
WVOI FL Marco Island – Format REL (ex-Silent); slogan "Relevant Radio," nets to IHR.
WRCK NY Remsen – Format to HipHop (ex-AC); slogan & Group to Grp= 95.5 The Heat (ex-Grp= 95.5 WUSP Group).
- 1490 **WFXV KY Middlesboro** – Adds // W253CP-98.5. (FCC)
KRUS LA Ruston – Adds // K242DA-96.3. (FCC)
WWIL NC Wilmington – Adds // W285FQ-104.9. (FCC)
WTQS SC Cameron – Format to AC (ex-TLK); slogan to "Z-95," adds // WIBZ-95.5.
KHVL TX Huntsville – Slogan & Group to Grp= The Hits.
KWOK WA Aberdeen – Networks to ESPN.
KLOG WA Kelso – Adds // K264CU-100.7. (FCC)
- 1510 **WMEX MA Boston** – Slogan to "The South Shore's Radio Station."
1520 **KSIB IA Creston** – Networks to FSR/MRN.
KKXA WA Snohomish – Networks to MRN/PRN.
- 1530 **KVDW AR England** – Slogan & Group to Grp= Victory 1530.
1540 **WTXY NC Whiteville** – Adds // W280FO-103.9. (FCC)
WJTT TN Jellico – Adds // W290DN-105.9. (FCC)
- 1550 **KIWA IA Sheldon** – Adds // K264CW-100.7. (FCC)
KQNM NM Albuquerque – Slogan to "Relevant Radio."
WUSP NY Utica – Format to HipHop (ex-AC); Group to Grp= 95.5 The Heat (ex-Grp= 95.5 WUSP Group).
WIGN TN Bristol – Adds // W221EC-92.1. (PS)
- 1560 **KIQS CA Willows** – Slogan & Group to Grp= Radio Mexicana 99.7.
KLNG IA Council Bluffs – Adds // K268DI-101.5. (FCC)
- 1570 **WCRL AL Oneonta** – Slogan & Group to Grp= Classic Hits 95.3.
1580 **KAMI NE Cozad** – Slogan & Grp= Country Legends 100.1 & AM 1580.
1590 **WARV RI Warwick** – Adds // W224DG-92.7. (FCC)
1690 **WIGT VI Charlotte Amalie** – Format to NWS/TLK (ex-REL); networks to NPR.



New Groups

- Grp= 95.5 The Heat – WUSP-1550, W238CA-95.5, WRCK-1480
Grp= 96.9 The Legend – KTHS-1480, K245BJ-96.9, K272FX-102.3
Grp= Adirondack 105 – WLPW-105.5, WVSL-1240, W237EY-95.3
Grp= Cruisin' Oldies 1110 AM & 94.7 FM – KGFL-1110, K247CQ-97.3, K234BV-94.7
Grp= La Raza 900 AM 100.3 FM – WJWL-900, W262BF-100.3, W294CH-106.7
Grp= NewsTalk 1240 – WSIC-1400, W264CU-100.7, W290DK-105.9
Grp= Radio Mexicana 99.7 – KTOR-99.7, KIQS-1560, K252FN-98.3
Grp= Serving Giles County – WKSJ-1420, W299CW-107.7, W265AQ-100.9
Grp= St. Valentine Radio – KD JW-1360, KBKN-91.3, KSJH-LP-102.3
Grp= Texoma's Home for Country Classics – KOLJ-1150, K269GW-101.7, K264BI-100.7
Grp= The Hits – KHVL-1490, K285GE-104.9, K231DA-94.1
Grp= Victory 1530 – KVDW-1530, K237GW-95.3, K265EO-100.9
Grp= Whisky Country 740 & 105.1 – WHMT-740, W286BG-105.1, W239CT-95.7

Group Name Changes

Grp= NewsTalk 1310 becomes NewsTalk 102.9 FM 105.9 FM and 1310 AM (BH)

Grp= The talk of the North becomes NewsRadio 1210

Group Changes

Grp= Boomtown Richmond – Adds W231DP-94.1 Richmond

Grp= Faith Music Radio – Adds W297CC-107.3 Central Cty

Grp= Oldies 92.9 – Adds W225CT-92.9 Plymouth

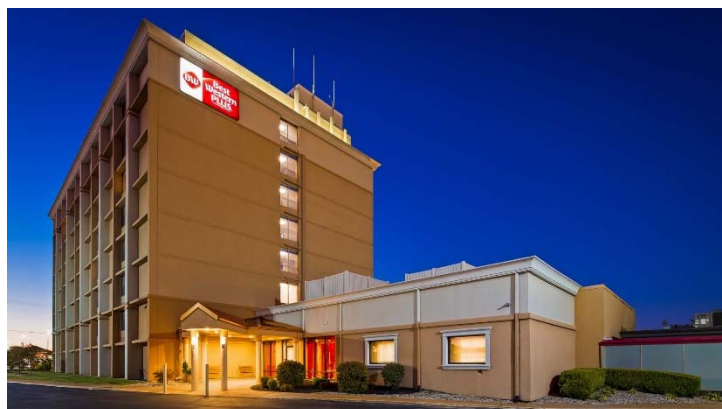
Grp= Talk Radio 1450 & 1400 – Adds K246CU-97.1 Bonners Ferry



Thanks to Shawn Axelrod, Bill Hale (BH), FCC Database (FCC), Terry Krueger (TK), Frank Welch (FW), Steve Kennedy (SK), Gerry Bishop (GB), and Paul Snider (PS).

2018 IRCA Convention

The 2018 IRCA convention will be held at the Best Western Plus Charles Inn in St Charles MO on September 7 and 8 2018. The hotel is located at 1425 S. Fifth Street in St Charles, NW of I-70 exit 229B, or the first exit west of the Missouri River, eight miles west of the Lambert St Louis International Airport. The room rate is \$104.99 a night for either a standard king or two queens. The phone number to call the hotel directly to make reservations for that weekend is (636) 946-6936 or toll-free at 1-888-274-0988. When calling to make the reservation, you must mention the code IRCA to get the rate. There is a block of 30 rooms reserved at that rate for each night for your choice of a single or double bed, your choice. Reservations must be made by **August 7, 2018**. One note, if all the rooms for this block sell out, then the meeting room at the hotel will be complementary. Registration for IRCA members is \$0; registration for non-members is \$25 per person with free breakfast. There will be a tentative radio tour of KCLC FM 89.1 at Lindenwood College in St Charles as well as another possible radio tour and a possible tentative radio tower visit. The annual Banquet is out of pocket and at Culpepper's, just down the street from the hotel at 3010 W. Clay St., St. Charles MO 63301 (burgers, catfish, broccoli Alfredo pasta, chicken strips, etc – <https://www.culpeppers.com/Home>). Your host for the convention is Ken Hawkins. You can either email him at StLouisHerdFan@gmail.com or you can call him on his cell phone at (636) 577-4295. Registration and auction items can be sent to 4034 San Fernando Ln, St Charles MO 63304-2829. Make your plans and reservations now for the 2018 IRCA convention as this will probably be one of the best! All DXers are welcome!



This year's IRCA convention will be an excellent chance to re-connect with old friends and to share DX stories. Speaking of sharing, we issue our annual call to action for those who wish to present a talk or paper during the convention. As you know, this can be as formal or informal as you want. To make it easier, we can provide you with audio-visual support, including slide-preparation and display. If you're interested in sharing your experiences... or if you want to present questions for discussion that might lead to a better understanding of a particular aspect of your own DXing, please contact Mark Durenberger at Mark4@durenberger.com.

Musings of the Members

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

Denny Adkins dxdenny0948@yahoo.com

What hath God wrought? Indeed! If only radio pioneers of 100 years ago could see the present day! West Coast favorites clear as a bell on a regular basis. What was once rare and difficult reception is common, easy. As I said in a previous MUSE, I believe it unethical to report, for example, KVI Seattle as a catch when you've only plucked it off the Internet.

My CCraneSW remains my meat and potatoes. That little fellow with the big rig traits remains very interesting in the morning and at sunset. The state of our "hobby" (distance listening) has never been better. God help me I love radio so much.

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

- JF-NJ** **Joseph Fela, South Plainfield** – SuperRadio II
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
PS-ON **Paul Snider, Welland** – 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 (included for sake of completeness, though I don't have any loggings to report)

THE SOUND OF SILENCE

- 530 ---- FL** **Florida State University, Tallahassee** – No trace of this campus carrier current station -- as others have previously confirmed as silent the past couple years -- on my mid-day drive-by westbound on I-10, July 1, 2018. I think we can safely write this carrier current one as never to return. **(TLK-FL)**
- 1590 WRXB FL** **St. Pete Beach** – Reported as “silent Nov. 15, 2017; back on the air June 8” in DXN 85-17's AM Switch column, but I'm not hearing it days or nights. At 5000/1000 watts and about 12 miles south of me, something doesn't add up. Either it's not really on air, or it's running a couple watts or less as it appeared to be doing for at least several weeks before going silent near the end of 2017. Today, July 9, 2018 at 0848, only a moderately weak WPSL, Port St. Lucie audible on the channel. **(TLK-FL)**
- 1610 ---- FL** **Manatee Information Radio, Crystal River** – 7/1 – Silent and no signage that used to be by the tourist information center on US-19 northbound. As others have previously stated, this one is silent and surely in the history books. **(TLK-FL)**
- 1650 ---- --** **Gulf of Mexico** – Oil rig fake-NDB beacon DVS. No trace of them on the portable ICF-7600GR at Niceville, FL at 0633 July 4, 2018, for what it's worth. **(TLK-FL)**

TIS/HAR STATION NEWS

- 1640 ---- FL** - Suncoast Parkway SR-589 toll road, MM 33, Spring Hill. This one remains active (stick by the toll booths), as heard on 7/4 late afternoon when driving home from the Florida panhandle. Short generic comu-man and compu-woman loop on re-construction etc. Signal isn't getting out far. No trace of a second one further south (or signage) which I seem to recall, and the FCC database only list this one, WQQX737. **(TLK-FL)**
- 1650 ---- FL** - Compu-woman at I-10 Exit 174 (near Quincy), a generic loop concluding with no less than eight call signs, all WQYZ with appended 314 through 321 to make eight. Most if not appear to be active with the same loop, though due to rain and a dog in the passenger seat, I didn't closely check for all until my CR-285 exit. FCC dB indicates these are on I-10 at Holt, Mossy Head, Ponce de Leon, Bonifay, Cottondale, Marianna, Greensboro, and Sneads. Logged on the car radio while driving westbound on I-10. **(TLK-FL)**

UNID

- 1580 unID --** – 6/25 0619 – Someone with Oldies, up for a few seconds with America “Sister Golden Hair.” **(TLK-FL)**

LOGGINGS

- 590 WMBS PA** **Uniontown** – 7/12 0352 – ID mentioning 101.1 FM frequency and call sign. At 0355 “590 AM, WMBS” ID in the clear. **(JW-PA)**

- 900 WCLM MD **Laurel** – 6/24 1902 – Daytime regular with SS adult contemporary music, “América 900” slogan, “WCLM transmitiendo de Laurel, Maryland” legal ID in SS. Good, ex-WILC. **(DY-VA)**
- WCPA PA **Clearfield** – 6/15 0518 – In multi-station mix with oldies, “Clearfield’s favorites play on WCPA” station promo. **(KK-VA)**
- WKDW VA **Staunton** – 6/15 0513 – In multi-station mix (CHML, WCPA, UNID other talk and Spanish) with C&W songs, male “AM 9 hundred WKDW” ID. **(KK-VA)**
- 910 WSRP NC **Jacksonville** – 6/15 0425 – In WRNL mix (along with UNID ESPN station) in Spanish, “La grande mil AM” slogan. New station for me. **(KK-VA)**
- 970 WRCS NC **Ahoskie** – 6/29 0443 – In WWRK/WBGG mix with Gospel singing, male “You get it all right here. AM 9-70 WRCS Ahoskie, North Carolina” ID. **(KK-VA)**
- WWRK SC **Florence** – 6/29 0438 – In WRCS/WBGG mix with with rock & roll songs, “The rock FM” slogan by male DJ. **(KK-VA)**
- 1040 WURN FL **Miami** – 7/7 0507 – Mixing with WHO and UNIDs (Vietnamese, religious talk, other SS station) with Spanish singing, ID by female in EE: “This is WURN...Miami Florida. Covering the... beach to the ...” New station for me. **(KK-VA)**
- 1060 WQMV TN **Waverly** – 7/17 2334 – Adult standards under XEEP Radio Educacion, who were playing instrumental jazz. Poor, but no KYW at this time. // to Simple Radio stream. **(PS-ON)**
- 1070 WCSZ SC **Sans Souci** – 7/5 2332 – In SS with slower music, “La Jefa” slogan at 2338, promos, possible ads. Fair at times to very poor in station mix with CHOK. **(PS-ON)**
- 1110 WJML MI **Petoskey** – 7/9 2224 – Probably on day power this evening. Jim Bohannon Show, weather at 2230, WJML mention, ads, another WJML mention at 2232, back to Jim Bohannon Show. Fair to very poor at times over WBT. **(PS-ON)**
- 1150 WAVO SC **Rock Hill** – 7/5 2255 – Nostalgic music, “...Johnny Mathis...on 1150 WAVO” ID at 2257, more music, “The greatest music ever made, WAVO” at 2305. Fair at times, doing quite well against CKOC (often on top of them) to very poor. **(PS-ON)**
- 1200 WRKK PA **Hughesville** – 7/8 0509 – In periodically with rock music underneath Newton, MA’s Talk 1200 WXKS. Checked // with webstream. **(JW-PA)**
- WJXY SC **Atlantic Beach** – 7/9 0300 – Presumed with gospel music into the next hour with little else audible. “103.5 Rejoice” slogan at 0320 into news. “All New 103.5 Rejoice” slogan at 0338. **(JW-PA)**
- 1270 WQTT OH **Marysville** – 7/8 2329 – “All You Need is Love” by the Beatles, “True Oldies 96.7” slogan at 2330, ABC news, national ads (Motel 6, Home Depot etc.), “This is Reds Country, True Oldies 96.7” station promo. Poor to very poor under WHLD and others. **(PS-ON)**
- 1310 WTZN PA **Troy** – 7/15 2126 – “Rosanna” by Toto, “...Oldies 99.9/107...” at 2130 into “Brother Louie” by Stories. Very poor in station mix including CIWW, WDTW and possibly WXMC (heard Asian style music, not WDCT). Eventually lost. // to Tune In stream. **(PS-ON)**
- 1330 WGFT OH **Campbell** – 6/24 0022 – On after sunset with urban contemporary music including “If I Ain’t Got You” by Alicia Keys, “Star 94.7” slogan at 0027. Poor to very poor in station mix including WFNN. // to Tune In stream. **(PS-ON)**
- 1340 WMBO NY **Auburn** – 6/28 2341 – “You Wear It Well” by Rod Stewart, “The Dinosaur” slogan at 2343 into “I Love The Nightlife (Disco Round)” by Alicia Bridges. Poor to very poor in station mix. // WFBL-1390. Ex-WNDR. **(PS-ON)**
- 1420 WBSM MA **New Bedford** – 7/3 2100 – Red Sox baseball game, local ID during network pause for station identification. Briefly good in mix, new. **(DY-VA)**
- 1450 WJER OH **Dover-New Philadelphia** – 7/4 2345 – Clearly heard “Spinning Wheel” by Blood, Sweat and Tears, “Reeling in the Years” by Steely Dan. Very poor sometimes just above the station mix with another oldies and talk station. // to Tune In stream. **(PS-ON)**
- 1490 WICY NY **Malone** – 6/23 2314 – Heard “1490 WICY” ID just above the station mix, into “Someone’s Watching Me” by Toris Badic. Poor to very poor. **(PS-ON)**
- 1510 WMEX MA **Boston** – 7/16 0200 – Late 1950s rock program, mixing with WLAC. ToH ID was for WATD 95.9 Marshfield. Is WMEX current call? **(JF-NJ)** *As far as I know they’re still WMEX. This station has burned through too many call and format changes to count, but are currently using the calls for which they were best known as Boston’s Top 40 blowtorch in the 1960s. Mike.*

- WFAI NJ Salem** – 7/3 2019 – Black gospel music, “Faith 15-10, your inspiration station” ID, good and atop. **(DY-VA)**
- 1520 KOLM MN Rochester** – 7/11 2247 – In well tonight under WWKB, at times almost over them with Ferrall on the Bench, CBS Sports Minute, CBS Sports Radio jingle, national ads (NAPA etc.), missed ToH ID, sports news, back to Ferrall. Fair at times to very poor. **(PS-ON)**
- 1540 WBNL IN Boonville** – 7/8 2155 – Presumed with instrumental music under KXEL/ CHIN mix, clearly heard “Johnny Angel” by Shelly Fabares, “Beautiful” by Jim Brickman, didn’t hear a ToH ID, also clearly heard “Rock Me Gently” by Andy Kim, possible jingle at 2205. Very, very poor and eventually lost to above stations. // to Tune In stream. Must have caught them before switching to night power. **(PS-ON)**
- 1550 WSDK CT Bloomfield** – 6/27 0408 – Early morning pileup sounded good at first. No IDs on the hour, even with CBEF in FF nulled. A Spanish sounding station came through and a Christian station was trying. Finally internet paralleled WSDK with a man leading a discussion about getting old. **(JW-PA)**
- WIGN TN Bristol** – 7/16 2225 – In well tonight (definitely not 6 watts) with bluegrass music, “Gospel and Bluegrass at its best, 1550 AM, 92.1 FM WIGN” ID, church promo, recorded promo from listener and another “1550 WIGN” ID. Fair at times over CBEF, also heard WDLR in there as well. **(PS-ON)**
- 1560 WGLB WI Elm Grove** – 7/15 2316 – Urban gospel, talk by male and female, “...right here on 1560 WGLB” ID at 2317 into more music. I can usually hear them under WFME, especially during the winter, but tonight they are especially strong. Fair, almost over WFME, to poor. **(PS-ON)**
- 1580 WLIJ TN Shelbyville** – 6/25 0607 – Making an appearance again with Classic C&W, male “... radio, WLIJ AM 15-80...” at 0611, in the mix with others. **(TLK-FL)**
- 1600 WPDC PA Elizabethtown** – 7/6 2103 – “Chariots of Fire” by Vangelis, “WPDC” jingle heard clearly at 2106 into “Long and Winding Road” by the Beatles. Poor to nil in station mix with WWRL, WAAM and WHOL. // to Simple Radio stream. **(PS-ON)**

FCC Silent Station List

103 stations on the FCC web site as of July 20, 2018 – often less than 100% accurate.

730	WLTQ-SC		WQII-PR	1330	WSPQ-NY	
750	WBMD-MD	1160	WAIX-NY	1340	KJMU-OK	1500
760	KMTL-AR		WBYN-PA	1350	KUSG-Guam	
790	KKON-HI	1170	WKFL-FL	1360	WHCG-GA	
810	WYRE-MD	1180	WVLZ-TN	1370	WIVV-PR	1510
	WKVM-PR	1190	KJJI-AR	1380	WAGS-SC	1520
820	WTNW-TN		KNEK-LA	1390	WPLM-MA	
880	KLRG-AR	1210	WDGR-GA	1400	WZAZ-FL	1530
900	WABY-NY	1220	KLBB-MN		KWNA-NV	
910	KLCN-AR	1230	WRJX-AL		KSRR-UT	1540
940	KCOE-OR		KLXR-CA		WRON-WV	
990	WRFM-IN		WMAF-FL	1410	WIQR-AL	
	WBTE-NC		KOBB-MT		KQV-PA	
1000	WJBW-FL	1240	WULA-AL	1420	WUKQ-PR	
	WCMX-MA		WPTR-NY	1430	WNEL-PR	
1020	KCKN-NM	1260	KBHC-AR	1450	WZGX-AL	
1050	WBVG-NY		WMDG-GA		WCOX-AL	1550
1060	WGSB-NC	1270	WHGS-SC		KIKR-TX	1570
1080	KWAI-HI	1280	WCPM-KY	1460	KHRA-HI	1580
	KCNM-MP	1290	WRPA-RI		WATD-MA	
1090	KBOZ-MT	1300	KROP-CA		WPON-MI	1590
	KVOP-TX		WFFG-FL	1470	KAIR-KS	1620
	WUVI-VI		WOSW-NY	1480	KNTB-WA	1660
1100	WCGA-GA		KLLS-TX	1490	WIRB-AL	1690
1130	WALQ-AL		KKOL-WA		WSYL-GA	
1140	WMMG-KY	1310	KIQQ-CA		KFKB-WA	1700
						WRCR-NY

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

- MKB-IL** **Mike Brooker, Chicago** – DXing from Grant Park on the Chicago lakefront, midday waterpath-assisted groundwave, C. Crane CC Skywave.
- 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.
- JW-CO** **John Wilkins, Wheat Ridge** – Drake R-8, 4-foot box loop.

DX LOGGINGS

- 590 **WKZO MI Kalamazoo** – 6/25 1430 – Good on waterpath groundwave with promo for Detroit Tigers baseball, “AM 590 WKZO” ID into local weather. **(MKB-IL)**
- 890 **KVMX CA Olivehurst** – 7/10 0720 – Tentative with Sacramento area ads and migrant-oriented PSA's from laredhispana.org; into Latina music at 0726. Good copy for a few minutes but very spotty after 0730. Did note a “La Ranchera” slogan and a PDT time check. Would be a new one for me, if them. Not heard on subsequent mornings so may have been a one-day glitch on day power. **(JW-CO)**
- 960 **KGKL TX San Angelo** – 7/3 0659 – Legal ID, then possibly them with ABC news. Fair/poor under KOVO. **(JW-CO)**
- KOVO UT Provo** – 7/3 0659 – Guy with LID: “You're listening to KOVO Provo, Utah County's Sports Station - ESPN 960,” followed by an ESPN program. Generally fair. **(JW-CO)**
- 990 **CBW MB Winnipeg** – 6/25 0250 – Dominating, ending “The World” from PRI, and previewing next programming from “The Monocle.” **(GH-OK)**
- 1130 **KLEY KS Wellington** – 7/16 0935 – With classic rock, normal. For some weeks now I have not heard it breaking up as it was doing for most of February through June. **(GH-OK)**
- 1350 **WIOU IN Kokomo** – 6/25 1500 – Fair on groundwave with “ESPN sports 1350 AM WIOU Kokomo” ToH ID into ESPN Sports Center. **(MKB-IL)**
- 1400 **WSJM MI St. Joseph** – 6/25 1447 – Fair-good on groundwave with “Southwest Michigan's sports leader is 97.5 and 1400 WSJM” into Detroit Tigers pre-game show. **(MKB-IL)**
- WRJN WI Racine** – 6/25 1503 – Fair in null of WSJM with oldies, “your radio friend is WRJN” slogan. **(MKB-IL)**
- 1570 **KPRO CA Riverside** – 7/7 0728 – Gospel music; ads and PSA's at 0730; ID at 0734: “...here on KPRO Inspirational Radio” and back to music. Fair peaks. **(JW-CO)**



TIS/HAR

- 530 ---- **OK Vance AFB** – 7/18 1200 – “K-530-AM” is off the air again, and may have been for a few days now. **(GH-OK)**
- 1670 ---- **IL (Unknown)** – 6/25 1445 – Fair-good on groundwave with non-stop male compu-voice repeating “from the Illinois Department of Transportation, you're listening to a test broadcast operating on 1670 AM.” **(MKB-IL)**

Unreported Domestic Stations

Despite the summer doldrums, we have one station reported to DDXD this issue for the first time since at least Volume 67 (1999-2000): WJER-1450. The total number of currently licensed stations in the United States and Canada that haven't been reported to DDXD in that timeframe drops to 374. The full list was last printed in issue 84-18, and we'll print an updated list as space permits over the summer. Can you log and report one next issue?

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

- 171 **MOROCCO** *R.Mediterranee Internationale*, Nador JUL 2 0400 – Medi Un ID, Arabic talk; to good peak. [Connelly-MA]
- 183 **GERMANY** *Europe 1*, Felsberg JUL 2 0400 – French man and woman; noisy. [Connelly-MA]
- 189 **ICELAND** *Ríkisútovarpid*, Gufuskálar JUL 2 0401 – Lounge jazz female vocal; fair. [Connelly-MA]
- 198 **UNITED KINGDOM** *BBC Radio 4*, Droitwich et al. JUL 2 0400 – BBC news; poor in static crashes. [Connelly-MA]
- 216 **FRANCE** *RMC Roumoules* JUL 2 0400 – French news by woman; fair. [Connelly-MA]
- 252 **ALGERIA** *R.Algerienne*, Tipaza JUL 2 0400 – Anthem, 5+1 pips (last higher pitch), fanfare music, French news by man; fair. [Connelly-MA]
- 531 **ALGERIA** *Jil FM*, F'kirina Wilaya d'Oum El Bouaghi JUN 23 0200 – Parallel 549 with fanfare music; man with *Jil FM* ID; fair. [Connelly-MA]
- 549 **ALGERIA** *Jil FM*, Sidi Hamadouche JUN 23 0200 – Parallel 531 with fanfare music; man with *Jil FM* ID; to fair peak. [Connelly-MA]
- 648 **BOTSWANA** *R.Botswana*, Mopipi JUN 28 0100 – Man talking in English with mention of Jesus Christ in his talk. Then music with a beat and seemed like everyone was singing something like, "We will have a meeting tonight." Good with 3.3 filter, at s4-5 most of the time, while adjacent 650 was at s5. [Barstow-MA]
- 783 **MAURITANIA** *R.Mauritanie*, Nouakchott JUL 2 0400 – Man in Arabic; poor. [Connelly-MA]
- 837 **CANARY ISLANDS//SPAIN** *COPE* synchros JUN 23 0200 – Fast Spanish news; poor. JUL 19 0100 – Cadena COPE and Canarias mentions, pips, fanfare music; fair. [Connelly-MA]
- 855 **SPAIN** *RNE1 Murcia* et al. JUN 23 0100 – 5+1 pips, RNE news intro with "servicios informativos"; fair. JUL 19 0059 – Man in Spanish, Enya or similar vocal, to fair peak. [Connelly-MA]
- 954 **SPAIN** *Onda Cero*, Madrid JUL 19 0100 – Man with news in Spanish; fair through WROL slop. [Connelly-MA]
- 981 **ALGERIA** *Chaîne 2*, Ouled Fayet JUN 23 0200 – Arabic vocal, 4+1 pips (last higher pitch), news; to fair peak through slop.{A} [Connelly-MA]
- 999 **SPAIN** *COPE* Madrid JUN 23 0159 – Spanish teletalk; poor through IBOC hash. [Connelly-MA]
- 1044 **SPAIN** *SER San Sebastián//Valladolid* JUN 23 0100 – Fanfare music, 4+1 pips, Cadena SER ID, news; to good peak.{A} JUL 19 0100 – Teletalk, Cadena SER ID; good. [Connelly-MA]
- 1089 **UNITED KINGDOM** *TalkSport* synchros JUN 23 0100 – *TalkSport* ID, talk about World Cup; to fair peak. [Connelly-MA]
- 1107 **SPAIN** *RNE5* synchros JUN 23 0100 – News; to fair peak. At 0200, 5+1 pips, RNE news intro; very echoey.{A} [Connelly-MA]
- 1215 **UNITED KINGDOM** *Absolute Radio* synchros JUN 23 0100 – Tears for Fears "Everybody Wants to Rule the World"; fair. [Connelly-MA] JUL 15 0300 – Poor; canned ID into news by a woman. [Conti-NH]
- 1530 **SAO TOME E PRINCIPE** *VOA Pinheira* JUL 19 0259 – Man with Voice of America ID, Yankee Doodle theme music; dominant.{A} [Connelly-MA]

PAN-AMERICAN DX

- 530 **CUBA** *R.Enciclopedia*, La Habana-Villa María JUL 2 0300 – Piano version of "Vaya con Dios", samba theme, woman "Transmite CMBQ Radio Enciclopedia"; over Rebelde. [Connelly-MA]
- 540 **DOMINICAN REPUBLIC** *HICM Radio ABC*, Santo Domingo JUL 1 0900 – Sign-on with anthem. JUL 4 0256 – Light music with talk over by woman in Spanish, into national anthem. [Saylor-NC] JUL 20 0300 – Under WLIE; choral national anthem. [Conti-NH]
- 540 **MEXICO** *XEHS La Mejor*, Los Mochis, Sin. JUN 27 1111 – Time check for 5:11 = UTC-6 zone. In summer, both Sinaloa and Chihuahua are synchronized. I am expecting to hear

- the usual XETX *La Ranchera de Paquimé* which ID's every few minutes, but next check at 1122 ID sounds otherly, and FM frequency as 90.9 instead of 90.5 as listed for XETX; and then a string of federal PSA's, mostly Salud. The 90.9 station on 540 is instead XEHS. I get Sinaloans on 610 and 650 easily, including again today, but not this one, last logged OCT 9, 2016 at 1226; could XETX be gone, migrated to FM-only? No, as in DXLD 17-48, XETX is in a list of only 5 Chihuahua stations that will stay on AM, as is XEHS among only 4 for Sinaloa. [Hauser-OK]
- 570 **COLOMBIA** HJND *R.Nacional de Colombia*, Bogotá JUL 1 0857 – ID by woman in Spanish, "Radio Nacional de Colombia... noventa dos punto tres FM en Colombia, Radio Nacional de Colombia," then a similar ID by a man. Parallel 550 HJHF. [Saylor-NC] JUL 13 0101 – *R.Nacional de Colombia* ID's by woman; dominant.{A} [Connelly-MA]
- 570 **MEXICO** XEJB Monterrey, NL JUL 9 0539 – "BJB, tu estación, BJB, música regional Mexicana." Dominant, no sign of KLIF or anything else on the Panasonic RF-569D not much used for DX purposes. [Hauser-OK]
- 580 **PUERTO RICO** WKAQ San Juan JUN 22 0100 – ID for WKAQ Cinco Ochenta San Juan and several affiliates; good.{A} JUL 2 0400 – WKAQ cinco ochenta ID; over WTAG. [Connelly-MA] JUL 3 0856 – "Double-u ka a cu" ID's by two male announcers in Spanish, strong signal all week. [Saylor-NC]
- 590 **ARGENTINA** LS4 *R.Continental*, Buenos Aires JUN 28 0200 – Caught the ID with 5+1 pips and Spanish talk after that. In nicely under WEZE Boston along with unID weak stations. [Barstow-MA]
- 590 **COLOMBIA** HJCR, *W Radio*, Medellín JUL 1 0858 – Presumed; ID by a man in Spanish under *R.Musical* Cuba as "Colombia... transmite..." [Saylor-NC]
- 590 **DOMINICAN REPUBLIC** *R.Santa Maria*, La Vega JUL 2 0900 – Interval signal two times, national anthem, over *R.Musical Nacional* Cuba. [Saylor-NC]
- 600 **CUBA** *R.Rebelde*, San Germán-Urbano Noris JUL 2 0300 – Sped up 9-note sounder, organ theme, man "Rebelde la Habana, emisora de la revolución"; loud. [Connelly-MA] JUL 2 0901 – The normal hourly ID and a short song about *R.Rebelde* to the tune of "Happy Birthday" although, according to my Spanish-speaking son-in-law, it wasn't explicitly a birthday song for the station (which celebrates its 60th anniversary this year). [Saylor-NC]
- 600 **PUERTO RICO** WYEL Mayagüez JUN 22 0100 – Spanish talk with WKAQ network ID parallel 580; mixed with Cuba.{A} [Connelly-MA] JUL 4 0801 – "...en Mayagüez" ID parallel 580 WKAQ. [Saylor-NC] JUL 12 0100 – Frequent WKAQ net ID's parallel loud 580; dominant. [Connelly-MA]
- 610 **BRAZIL** ZYL268 *R.Itatiaia*, Belo Horizonte JUL 2 0400 – Excited Portuguese talk by man, electronic wolf whistle and sweep sound effects; briefly over jumble. [Connelly-MA]
- 610 **CUBA** *R.Rebelde*, Bueycito//Cienfuegos-Malecón//Guane JUL 2 0300 – Splash sounds, sped up 9-note sounder parallel 600; mixed with WGIR, WIOD. [Connelly-MA]
- 610 **MEXICO** XEGS Guasave, Sin. June 27 at 1113, banda music is way dominant, 1115 'El Madrugador' program name (the early-morning man), DJ talk and back to music. By 1125 UTC, KCSP Kansas City Sports has taken over 610 for today. Not a matter of power or pattern change, as it's one of those lucky grandfathered stations running 5/5 kW day and night, non-directional, though June marks its earliest sunrises of the year: 1045 UTC. XEGS is on the list of Sinaloans which will stay on AM a while longer at least, but not XETNT. [Hauser-OK]
- 630 **PUERTO RICO** WUNO San Juan JUL 3 0056 – Mentions of "noticias de Puerto Rico" by Spanish man, cell phone sound effects, ID included WPRP Ponce and WORA Mayagüez. Mentions of ¡Pa' Arriba Puerto Rico! hurricane relief. [Saylor-NC]
- 640 **CUBA** *R.Progreso*, La Habana-Guanabacoa//Las Tunas-Jobabo JUL 2 0300 – Progreso theme music; over jumble. [Connelly-MA]
- 640 **VENEZUELA** YVQO *Unión Radio*, Puerto La Cruz JUL 19 0301 – *Unión Radio* and 'información venezolana' mention; briefly over CBN, Cuba. [Connelly-MA]
- 650 **ARGENTINA** *Belgrano AM 650*, Buenos Aires JUN 28 0020 – Spanish mixing with WSRO; some notes then a woman singing Belgrano, 5+1 pips and ID, into presumed news. [Barstow-MA]
- 650 **COLOMBIA** HJKH, *RCN Antena Dos*, Bogotá JUL 13 0100 – Woman with RCN and Antena Dos mentions; fair. [Connelly-MA]
- 650 **MEXICO** XETNT *Radio 65*, Los Mochis, Sin. JUN 27 1113 – Music en 'Buenos Días, Llarderos' show (or Yarderos?). Neither spelling gets a hit searching the Grupo Chávez website, not parallel sibling station 610 XEGS until they hook up for 'Noticiero Altavoz' news at 1200 UTC. 1118, long ad string mostly for food stores in Guasave anyway, such as tortillas, carnitas, mariscos; finally *Radio 65* ID and something about a change concerning

106.5 FM "en pocos días." Holds up longer than 610 XEGS, with no WSM or anything else to bother 650 kHz. Sharp at the odd time of 1130, XETNT plays choral national anthem, after which repeats the announcement about 106.5, but it's fading now and I can't copy all the details. So later while compiling this report I bring up their webcast among all the other Grupo Chávez stations, via <http://grupochavezradio.com/radio/mochis-radio65.html>. Finally at 1652, I get it: "Radio 65, en pocos días transmitirá en cien, 100.5, muy pronto." But its "65" branding both for AM and FM frequencies will then be history, and if 650 goes off, what will they call it? Maybe the same like "virtual" long-gone TV channels? This is explained in Wikipedia, which I believe Raymie Humbert says he writes and updates: "XETNT migrated to FM in 2011 as XHTNT-FM 106.5. As part of the 2017 renewal of XHTNT's concession, it is slated to move to 100.5 MHz in the near future in order to clear 106-108 MHz as much as possible for community and indigenous radio stations." [Hauser-OK]

- 660 **MEXICO** XEFZ Monterrey, NL JUL 18 1107 – Partial full ID is dominant over Dallas or Omaha, but with heavy SAH, "---Z, ABC Noticias, Monterrey, Nuevo León." It's XEFZ, 10/1 kW. Not often heard, rather usually 50/10 kW XEEY Aguascalientes. [Hauser-OK]
- 670 **CUBA** *R.Rebelde*, multiple sites JUL 2 0300 – Man, "Noticias de Cuba y el mundo," organ parallel 600; dominant over YVLL. [Connelly-MA]
- 680 **PUERTO RICO** WAPA San Juan JUL 3 0100 – Top of the hour ID, "La Poderosa WAPA," also included WISO Ponce, WTIL Mayagüez, WMIA Arecibo, WVOZ Aguadilla, and WXRf Guayama. [Saylor-NC]
- 690 **COLOMBIA** HJCZ, *W Radio*, Bogotá JUL 13 0100 – *W Radio* ID; over *R.Progreso*, CKGM. [Connelly-MA]
- 690 **CUBA** *R.Progreso*, Santa Clara//Santiago de Cuba JUL 2 0300 – Chime parallel 640 at 0300:38; under CKGM. [Connelly-MA]
- 700 **BRAZIL** ZYK686 *Nossa Rádio*, São Paulo JUL 12 0100 – Two women in Portuguese, then man; poor. [Connelly-MA]
- 710 **CUBA** *R.Rebelde*, multiple sites JUL 2 0300 – Organ theme, "Rebelde la Habana" parallel 600, 670; mixed with WOR. [Connelly-MA]
- 710 **MEXICO** XEDP Cd. Cuauhtémoc, Chih. JUN 27 1112 – Long-heard low-key preacher in slightly accented Spanish, the one who switches to Low German at times, but if he did it today, missed while checking other frequencies. This morning I am not hearing much if anything from the other Chihuahuans on 540, 700, 730 kHz. Fortunately I manage to get some more shut-eye circa 1200-1330, but still a deficit calling for another afternoon nap. [Hauser-OK]
- 750 **VENEZUELA** YVKS, *RCR*, Caracas JUL 2 0401 – Choral version of Venezuelan anthem; over jumble. [Connelly-MA]
- 760 **BRAZIL** ZYH588 *R.Uirapuru*, Fortaleza JUL 13 0059 – Man and woman in Portuguese, piano music; fair. [Connelly-MA]
- 760 **COLOMBIA** HJAJ, *RCN*, Barranquilla JUL 13 0102 – News parallel 770; over Brazil. [Connelly-MA]
- 760 **PUERTO RICO** WORA Mayagüez JUN 22 0100 – NotiUno Seis Treinta ID (for network flagship station 630 WUNO); slightly over others.{A} [Connelly-MA]
- 770 **COLOMBIA** HJXX, *RCN*, Bogotá JUL 13 0102 – Spanish talk about a second ahead of parallel 760; over WABC and Cuba. [Connelly-MA]
- 780 **BRITISH VIRGIN ISLANDS** ZBVI Road Town, Tortola JUL 6 0101 – Talk between two Caribbean-accented English women about labor and management relationships. [Saylor-NC]
- 800 **BONAIRE** PJB *TransWorld Radio*, Kralendijk JUN 23 0200 – Woman with "ochocientos AM transmitiendo desde Bonaire, Antillas Holandesas"; over domestics.{A} [Connelly-MA] JUL 3 0800 – During my OBX vacation last year I heard a Portuguese station mixing with TWR Bonaire on this frequency and reported it as an unID Brazilian; this year I again heard a Portuguese station and felt that it's likely Rádio MEC, not TWR Bonaire as their Portuguese top of the hour ID was heard earlier and is very different. This ID consisted of a string of AM and FM station names, powers and cities, several of which I could pick out like Amazonas and Brasilia. One ID that I could positively make out was "FM 104.9, Radio Antena 1, Carrasco Bonito, Tocantins." At the end of the ID string he mentioned "Transmundial" which initially cast some doubt, but there is a Radio TransMundial network in Brazil of which Antena 1 is a member. I was able to have a Portuguese speaking DX'er in Brazil review my 800 station clip and he verified that it was indeed TWR Bonaire. The list of station ID's in the clip apparently are ones that relay TWR programs in Brazil. So

- no joy with this log but, after two years, I am glad to finally have this one resolved. [Saylor-NC]
- 810 **COLOMBIA** HJCY *Caracol Radio*, Bogotá JUN 23 0201 – Ultima Hora Caracol mention; mixed with WGY and possible ZNS3. JUL 13 0100 – *Caracol Radio* ID; over WGY. [Connelly-MA]
- 810 **PUERTO RICO** WKVM San Juan JUN 22 0100 – ID "Radio Paz... en San Juan"; over WGY and HJCY.{A} [Connelly-MA]
- 820 **ARGENTINA** LRA8 *R.Nacional*, Formosa JUN 28 0100 – Clearly under WNYC in a quiet mode at times; 5+1 pips into ID with 4 fast ascending tones at 0101:30, then Spanish talk continues. [Barstow-MA]
- 840 **CUBA** CMHW *Doblevé*, Santa Clara JUL 19 0300 – *Doblevé* theme music, talk; mixed with WHAS. [Connelly-MA]
- 840 **HAITI** *Radio-Télé 4VEH*, Cap Haitien-Petite Anse JUL 1 0200 – "Dashing through the snow" interval signal then church hymn sung by a man and woman duet in French or Creole. [Saylor-NC] JUL 13 0101 – Religious music, Dashing Through the Snow interval signal, man in French; over unID Spanish speaker. [Connelly-MA]
- 850 **COLOMBIA** HJKC *Candela 850*, Bogotá JUL 13 0100 – Rustic Colombian group vocal; under WEEL. [Connelly-MA]
- 860 **BRAZIL** ZYJ459 *Rádio CBN*, Rio de Janeiro JUN 22 0100 – Fanfare music then announcement for "A Voz do Brasil" then "CBN" net ID; dominant.{A} [Connelly-MA] JUL 3 0800 – Soccer coverage in Portuguese, man with echo effect "Brazil – goooooooooaaaaaalllllll" under *R.Relej* Cuba and another unID Spanish station. [Saylor-NC] JUL 12 0059 – Woman in Portuguese; fair, alone on channel. [Connelly-MA]
- 860 **PANAMA** HOL55 *R.Reforma*, Chitré JUL 12 0200 – Panama mentions, adverts including local contractor Grupo Moreno; over jumble.{A} [Connelly-MA]
- 860 **ST. KITTS & NEVIS** VON Bath Village JUL 6 0100 – Presumed; discussion of retirement benefits by two men in Caribbean-accented English – one week's pay for each year worked. [Saylor-NC]
- 870 **CUBA** *R.Relej*, Baracoa-Van Van//Bueycito//Sancti Spíritus JUL 2 0401 – Relej news, ticks; mixed with WLVP. [Connelly-MA]
- 940 **BRAZIL** ZYJ453 Rio de Janeiro JUL 12 0202 – Portuguese male preacher; in jumble. [Connelly-MA]
- 940 **PUERTO RICO** WIPR San Juan JUL 1 0000 – PSA for Puerto Rican National Guard in English, then Spanish ID by a woman. [Saylor-NC] JUL 19 0300 – Woman with WIPR nueve cuarenta AM ID; dominant. [Connelly-MA]
- 950 **CUBA** *R.Relej*, Arroyo Arenas//Camagüey-Isábel Hortensia//Santiago de Cuba-Frente JUN 18 0100 – Wobbling; under WROL. [Connelly-MA]
- 960 **CUBA** *R.Relej*, Guantánamo-La Piña JUL 2 0400 – Relej news; mixed with domestics. [Connelly-MA]
- 1000 **COLOMBIA** HJAQ, RCN, Cartagena JUN 22 0100 – Banco Popular advert, 5+1 pips, RCN La Radio net ID; over WINS IBOC hash.{A} [Connelly-MA]
- 1060 **CUBA** *Radio 26*, Jovellanos JUL 14 0500 – Over/under KYW; canned ID with signature music, "Esta es Radio 26, desde Matanzas, Cuba." [Conti-NH]
- 1070 **COLOMBIA** HJCG *R.Santa Fe*, Bogotá JUN 23 0100 – *R.Santa Fe* ID; to fair peak, dominant.{A} [Connelly-MA]
- 1100 **COLOMBIA** HJAT *Caracol Radio*, Barranquilla JUN 23 0201 – Ultima Hora Caracol parallel 810; over HJCN, WTAM, Brazil. [Connelly-MA]
- 1100 **COLOMBIA** HJCN, *BBN Radio*, Bogotá JUN 23 0202 – Spanish religion; briefly atop jumble. [Connelly-MA]
- 1110 **CUBA** *R.Angulo*, Holguín JUN 23 0200 – Angulo 6 chimes; atop pile. [Connelly-MA]
- 1170 **COLOMBIA** HJNW *Caracol Radio*, Cartagena JUN 23 0100 – En Caracol Radio ID; fair.{A} JUN 23 0159 – Caracol ID; over mess. [Connelly-MA]
- 1220 **BRAZIL** ZYJ458 *R.Globo*, Rio de Janeiro JUL 2 0300 – Portuguese talk by man; briefly over domestic mix. [Connelly-MA] JUL 3 0758 – Lots of talk in Portuguese with Rádio Globo ID's; heard every night as early as 0000 and as late as 0900 at almost every top of the hour with sound effects and world cup promos. Almost could be classified as a 'pest'. [Saylor-NC]
- 1540 **BAHAMAS** ZNS1 *R.Bahamas*, Nassau JUN 18 0100 – US-accented man "Radio Bahamas 1540 AM 104.5 FM Z(ed)NS1 invites you to this Sunday's Vision programme. Vision is presented by the Bahamas – Turks and Caico Islands Congress of the Methodist Church in the Caribbean and the Americas." Good, over unID Spanish speaker.{A} [Connelly-MA]

1620 **CUBA** *R.Rebelde*, La Habana-El Sapo//Amancio//El Coco//Guantánamo-Antiguo JUL 15 0901 – Fair with heavy synchro echo; nostalgic Cuban vocal, "Rebelde FM" ID. [Conti-NH]

CONTRIBUTORS

Roy Barstow, Menauhant Beach MA; Perseus, 12-ft loop at 110° to 180°.

Mark Connelly WA1ION, South Yarmouth MA; Microtelecom Perseus, cardioid pattern SuperLoop antennas 9m vertical by 20m horizontal (peak 84°, null 264°), and 7m vertical by 18m horizontal (peak 112°, null 292°), {A} in entry indicates that audio can be accessed at www.qsl.net/wa1ion/doc1/audio_2018.htm.

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

Glenn Hauser, Enid OK; NRD-545 with ALA-330S or north/south not very long wire, DX-398, PL-880, or Panasonic RF-569D with internal antenna only, sometimes IC-R75 with ~100-ft east/west longwire.

Brett Saylor, Duck NC; Perseus, 16 x 32-ft broadband loop at 150°.

73 and Good DX!

From the *DX News* archives

Compiled by Ron Schiller.

75 Years Ago – From the July 17, 1943 issue of *DX News*:

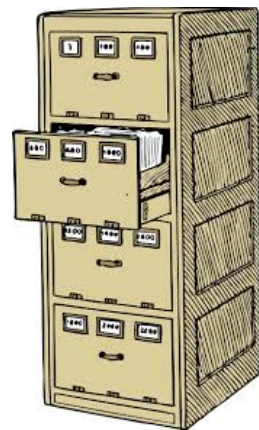
Van Nostrand Engineering sent a list of 48 regular monthly frequency checks (39 stations being Graveyarders!) Invaluable info! Four Puerto Rican stations and some juicy Floridian/Georgians, etc. Twenty-nine NRCers are deployed for WWII! Members were encouraged to write letters to our guys in the Service. Sid Steele-IL, a prominent DXer of that era, received his doctorate degree from Ohio State.

50 Years Ago – From the July 6, 1968 issue of *DX News*: Among the members renewing his membership was ON-CAN's Charles Reh who is still active today! Philadelphia's Stewart Drake updated his totals to 2409 heard & 2267 verified (94%!). He's strongly in favor of prepared card veries when necessary – there's a lot of strong feelings among members, pro & con. MO's Bruce Reynolds listed his best frequencies for stations logged – 1150 topped his list at 31, followed by 910, 1460, & 1550. PQ-CAN's Andy Rugg's 8-year totals were 1430/1351, heard & verified. Al Slater topped Norm Maguire's (HI) "Supremacy Ratings" with 128 countries, followed by Ben Dangerfield(PA), Roger Anderson(VA) & Hilding Gustafson (IL). Slater reports hearing seven Chilean stations plus a freak opening to Peru from his England shack!

25 Years Ago – From the July 26, 1993 issue of *DX News*: The NRC publisher mailed 701 copies of the bulletin. With a paucity of AM Summer DX, the FM boys were active reporting "E-skip" & "Tropo" openings. Among them were TN's Doug Smith & Bruce Conti listening from ME. (Ed note: although I did little FM DXing over the years, I caught one of these "openings" about 10 years ago in Coeur d'Alene, ID and listened spellbound as I logged 29 FM stations from AZ & NM in about an hour and a quarter on my KIA Soul's stock radio! All were in the 1000+ mile range; unlike anything I'd ever heard on MW, SW, Ham bands, etc.).

10 Years Ago – From the July 21, 2008 issue of *DX News*: Rare Uruguayan logged by Conti (ME) on 550 thru Cuba, Venezuela, Colombia, "Radio Colonia." He & Mark Connelly (MA) reported Radio Guadeloupe-640 thru CBM, YVQO & others. IBOC was on the minds of many DXers, including Ken Onyschuk (IL). This year's NRC Convention is to be held in Pittsburgh, PA hosted by John Malicky. Shawn Axelrod (MB-CAN) explained "auroral conditions" in his Target DX Column. He checks 540 for CBK vs XEWA and 760 for WJR vs XEABC as two barometers of auroral.

Ron Schiller, St. George UT – rschiller28@gmail.com.



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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

DX Toolbox

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

Greetings once again from the Heart of the Continent and welcome to the DX Tool Box Column number 105.

Radio Videos:

We All Fall Down ... well not quite like in the nursery rhyme but you will get the idea.

The CBC/Radio-Canada AM transmitter CBF 690 KHz and CBM 940 KHz:

https://www.youtube.com/watch?v=e6Yiq_rOnYA

The 3 tower site of KMVP 860AM Phoenix, Arizona:

<https://www.youtube.com/watch?v=cRFBab-OteQ>

VOA Towers Controlled Demolition:

<https://www.youtube.com/watch?v=Zcsbny8PFZw>

This one is insane and so, so sad.



The Very First DXer?

Is it possible he was the first DXer?

Bits and Bites from the NRC listserv:

From: Gary DeBock, Puyallup WA

Re: April 2018 Cook Island Ultralight DXpedition Article

About 11 years ago John Bryant conducted an all-out DXpedition on Easter Island in the Pacific, deploying multiple 500 foot beverages and chasing DX with total freedom, whenever he wished. He received transoceanic DX from around the world, demonstrating the awesome potential of ocean-enhanced propagation on an isolated Pacific island.

Of course there was no way to duplicate John's outstanding achievement with ultra-compact Ultralight gear that was all designed to fit inside a single hand-carry suitcase, but I was convinced that the new TSA-friendly FSL antenna could be a real thriller if it was deployed at a similar location – Aitutaki Island in the Cook group, about 2,600 miles due south of Hawaii.

I would be traveling to the gorgeous South Pacific island with my wife, who of course expected this anniversary trip to be worthy of the awesome scenery. As such DX'ing time would need to be somewhat limited, although I knew that sunrise sessions would be possible every day, along with evening sessions about 2 hours after sunset. So it was with some anticipation that we both boarded the 9.5 hour flight on Air New Zealand from LAX to Rarotonga.

So how much transoceanic DX can someone expect with a hot-rodded pocket radio and a 5 inch (13cm) diameter FSL antenna, chasing exotic MW stations as a secondary priority during a busy South Pacific vacation? As it turns out, the results were the hobby thrill of a lifetime! India, Bangladesh, Mongolia and Cambodia were all received on MW around sunrise, and despite the inability to chase DX around sunset, stations like 1000-Radio Record (Sao Paulo, Brazil) and multiple North Americans showed up two hours later. Exotic Pacific island stations like 630-RCI and 990-Fiji Gold pounded in, and over 100 Kiwi DX recordings were made. Full details are contained in the 20 page DXpedition article posted at the link below, containing multiple photos, narrative and 145 transoceanic DX MP3 links for stations in Asia, the Pacific islands, North and South America, Hawaii, NZ and Australia:

http://www.mediafire.com/file/rcsss62udss19js/April_2018_Cook_Island_Ultralight_DXpedition-final.docx/file

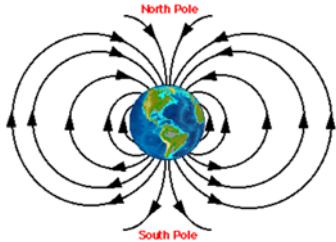
73 for this time Shawn

Remember On A Clear Day You Can Hear Forever

NRC Reprints and Books

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

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



Geomagnetic Indices

Geomagnetic Summary June 2018

Via Phil Bytheway – Tabulated from online status daily (K = 0000 UTC).

Date	Flux	A	K	Space Weather	Date	Flux	A	K	Space Weather
6/ 1	75	26	3	minor, G1	16	71	3	1	no storms
2	74	17	4	no storms	17	71	5	2	no storms
3	74	9	2	no storms	18	71	19	2	minor, G1
4	71	5	1	no storms	19	77	6	1	no storms
5	71	6	1	no storms	20	82	5	1	no storms
6	71	7	2	no storms	21	82	3	0	no storms
7	69	6	2	no storms	22	80	4	1	no storms
8	68	4	0	no storms	23	77	16	4	no storms
9	67	4	1	no storms	24	75	7	2	no storms
10	70	4	1	no storms	25	73	12	5	minor, G1
11	70	4	2	no storms	26	71	20	2	minor, G1
12	70	4	1	no storms	27	70	7	3	no storms
13	71	5	2	no storms	28	70	5	1	no storms
14	72	5	1	no storms	29	69	4	0	no storms
15	71	4	1	no storms	6/30	69	4	1	no storms

Sx – Solar Radiation Storm Level / Gx – Geomagnetic Storm Level / Rx – Radio Blackouts Level.

NOAA Space Weather Outlook

Issued July 16, 2018 – For the period July 16-August 11, 2018

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

Solar activity is expected to remain 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 range from moderate to high levels. Moderate to high level are expected over 21-31 Jul and normal to moderate levels are expected through the remainder of the outlook period. All enhancements in the greater than 2 MeV electron flux are due to the anticipated influence of multiple, recurrent CH HSSs.

Geomagnetic field activity is expected to range from quiet to G1 (Minor) geomagnetic storm levels. Unsettled levels are expected on 16 Jul, 21 Jul and 24 Jul; active levels are expected on 20 Jul and 22 Jul; G1 (Minor) geomagnetic storm levels are expected on 23 Jul. All increases in geomagnetic activity are in anticipation of multiple, recurrent CH HSSs.

Confirmed DXer

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

Report your verifications to the NRC eGroup and they will appear here, or send them directly to me at the above address. Next deadline: 9/6/18 1 PM PLT. pb

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Help Wanted: Still looking for a DDXD-West editor, and a College Sports Networks editor. Contact David Yocis, NRCDXNews@gmail.com for info about either position.

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