News Serving DXers since 1933

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14 ... GYDXA – 1450 kHz

From the Publisher: This was supposed to be years." our first issue with a Sunday night deadline and DXing2@aol.com or call 414 813-7373. a late Monday online posting ... but then I went and came down with a really nasty chest cold that kept me more or less in bed for a couple of days, and so this issue is going out more than 24 hours later than I planned. This delay may wind up backing up the printing and mailing of the print version even longer. Apologies to all ... and hopefully the next issue will go more smoothly!

Fortunately, the summer solstice is the traditional nadir of the MW DX season, so if any issue during the year is going to show up a little late in your mailboxes, this is probably the one. But we still have some interesting stuff herein.

Please remember our publication schedule is every four weeks during the summer, with deadlines for all material for the bulletin on Sundays at 2400 ELT (material is due to column editors somewhat earlier at their discretion), with the PDF version of the issue being available late Monday on e-dxn.com and the printed version in mailboxes the following Tuesday:

Volume 86 DX News Schedule

D'dline Print 19 Aug. 11 Aug. 20 No July 14 July 23 Sept. 17 20 Sept. 8 18

From the Archives: Thanks to those who have pointed out that we have been missing this feature the last few issues. We have a plan for getting this back soon but this issue is already going out late, so we're hoping it will be back as good as always next time.

Confirmed DXer: Phil Bytheway didn't receive any contributions for his last column; his next deadline will be July 12.

NRC AM Log #39 Sold Out! Now Wayne and the AM Radio Log team will turn to preparing the 40th Edition of this vital AM DXing resource. The 40th Edition will ship around September 1.

Madison-Milwaukee 2019 Get-Together: From Tim Noonan: "The Madison-Milwaukee Get-Together returns to Oak Creek, Wisconsin this year, on Saturday, August 17. This 26th annual event will be held at our home at 801 E Park Blvd, the same as in recent odd-numbered H. White.



20 ... Geomagnetic Indices 21 ... DX Toolbox 23 ... Club Info Page

For more information e-mail Tim at

2019 IRCA Convention: The 2019 IRCA Convention will be held on September 5, 6, and 7 at the Courtyard by Marriott Seattle Southcenter, 400 Andover Park West, Tukwila WA 98188. Registration is free to IRCA members, \$25 to non-members. Banquet (TBA) will be paid for individually by attendees. Guest room rate is \$109 plus tax. Guests are encouraged to share a room and save. Phone number(s) for room reservations are 800-321-2211 or 206-575-2500. You must mention International Radio Club of America Convention to get this rate. Hotel is 2 miles east of Sea-Tac Airport. There is also an Amtrak station in Tukwila just Northeast of the hotel. Parking at hotel is free. There are many restaurants and stores nearby and inside the hotel. Other amenities include business center, pool, free Wifi, etc.... Visitor's bureau is online at visitseattle.org. Your host for this event is Mike Sanburn: mikesanburn@hotmail.com. See last issue for the current tentative schedule and additional registration information.

From Membership: Once again, I would like to remind those renewing that there is a lag time between the time your check or PayPal renewal is sent by you, transit time to the P.O. Box, pickup time at the P.O. Box, and when your next mailing label is printed. If after 30 days your address label has not been corrected to a new expiration date, that would be the time to contact us at Membership. Please save yourself the notes and extra postage during that lag time. - WH

Membership Report

"Enclosed is my renewal for my 59th year of DX News. At 85 years I don't DX too much anymore but still like to stay in touch. Still catch something new occasionally." – Ken Chatterton.

New Member: Welcome to Bob Rickelman, Fort Mill, SC.

Renewing Members: Thanks for the ongoing support of Joseph Burke; Kenneth Chatterton; Mike Clancy; Kenneth L. Diehl; Ronald Goldie; Michael Hunter; Kenneth Lyon; Christopher Roach; Paul Thomas; Frank Welch; and Thomas

AM Switch

David Yocis, 9412 Ferry Landing Ct., Alexandria VA 22309, NRCDXNews@gmail.com Canadian info – Compiled by Shawn Axelrod and Dan Sys NRC AM Log updates from Wayne Heinen, amlog@nationalradioclub.org

FCC and CRTC Decisions and Applications

CALL CHANGES

570	WQDR	NC	Raleigh – Call change to WPLW (June 4).
600	WSOM	OH	Salem – Call change to WRQX (May 31).
970	WRHA	ΤN	Spring City – Call change to WDNT (June 17).
1160	WAIX	NY	Mechanicville – Call change to WSSV (May 27).
1230	KEZF	UT	Murray – Call change to KJJC (May 20).
1250	WLQM	VA	Franklin – Call change to WJZU (June 1).
1260	WSPZ	DC	Washington – Call change to WQOF (May 14).
1280	WDNT	ΤN	Dayton – Call change to WRHA (June 17).
1390	WKPA	VA	Lynchburg – Call change to WPLI (June 1).
1650	CJRS	QC	Montréal – Call change to CKZW (May).

STATIONS GOING DARK (OR NOT)

Licenses cancelled, calls deleted:

1230 WRJX AL Jackson – License cancelled by FCC; has been silent since Nov. 14, 2017.

1460 KHRA HI Honolulu – License cancelled by FCC; has been silent since June 1, 2017.

1490 KFKB WA Forks – License cancelled by FCC; has been silent since Dec. 5, 2017.

Reversal of license cancellation, calls reinstated:

- **1150 WGEA AL Geneva** License was cancelled in 2017 for failure to pay fees to the FCC for 8 years; license now reinstated and licensee granted 60 days to pay back fees.
- **1580 WNPZ TN Knoxville** License was cancelled in 2017 for failure to pay fees to the FCC for 13 years; license now reinstated and licensee granted 60 days to pay back fees.

NEW STATION WATCH

License to cover for new station (finally) granted:

1490 KHTC MT Malmstrom AFB – CP for new station has been on the air since 2011 but final licensing was delayed due to tower being built in a place other than defined in the CP that turned out to have many legal issues, now apparently resolved.

Application to amend existing new station CP filed:

1500 KWIF CA Culver City – CP for new station with U4 120/150, applies to increase to U4 400/1000 from a new site at 34-05-05/118-12-10. The CP will expire on Apr. 13, 2010.

CONSTRUCTION PERMITS (CPS) FOR EXISTING STATIONS

- CPs fully licensed and on the air:
- **780 WBBM IL** Chicago CP for U1 35000/42000, new site (41-56-03/88-04-22) is on the air.

930 WKCT KY Bowling Green – CP for U1 5000/59, new site (37-02-01/86-26-25) is on the air.

- **980** WHAW WV Lost Creek CP for U1 2500/47, new site (39-02-25/80-27-16) is on the air.
- **1480 KYOS CA Merced** CP for U1 4300/75, new site (37-17-31/120-26-03) is on the air.
- **1490 WFXY KY Middlesboro** CP for new tower, adjusted coords (36-36-46/83-42-33), on air.
- **1490 KWOK WA Aberdeen** CP for U1 1000/1000 is on the air.
- **1490 KTEL WA Walla Walla** CP for new site (46-01-25/118-21-17) is on the air.

CPs built and possibly on air, awaiting final licensing:

- **1040 WHBO FL Largo** Applies for license to cover CP for U2 3800/700, ex-Pinellas Park FL, new site 27-54-30/82-46-51.
- **1480 WGFY NC Charlotte** Applies for license to cover CP for U4 12000/5000.

CPs granted:

690 KRGS CO Rifle – Granted CP for U1 2300/16, new site 39-25-57/108-07-46.



1230 WRBS MD Baltimore – Granted CP for U1 600/600, new site 39-18-06/76-34-09.

1270 CJCB NS Sydney – Granted CP for U1 10000/1350.

Applications for CP filed:

- **720 KDWN NV Las Vegas** Applies for CP for U2 25000/7000, diplexed with KXST-1140 at 36-16-04/115-02-44.
- 1240 KRAL WY Rawlins Applies for CP for U1 890/890, new site 41-47-03/107-15-46.
- **1430 WLTG FL Panama City** Applies for CP for U1 125/100, CoL to Upper Grand Lagoon FL, diplexed with WPCF-1290 at 30-10-44/85-46-55.
- **1510 KSPA CA Ontario** Applies for CP for U4 10000/6000, replacing previous CP for the same which has expired.
- **1530 WCKG IL** Elmhurst Applies for CP for D3 4000, replacing previous CP for the same which has expired.
- **1580 KTUI MO Sullivan** Applies for CP for U1 1000/25.
- **1590 WRXB FL St. Pete Beach** Applies for CP for U1 9800/160, CoL to Palm River-Clair Mel FL, diplexed with WQBN-1300 at 27-56-52/82-23-47.

Application to amend previously granted CP filed:

1510 KGA WA Spokane – Has CP with U2 50000/6000 (ch 45000), now seeks to amend CP to U1 50000/540 (ch 45000). Lo, how the mighty have fallen!

SPECIAL TEMPORARY AUTHORITY (STA)

STAs	granted:		
	WICC	CT	Bridgeport – Granted STA, U1 250/125, problem with feed point on one tower.
670	WRJR	VA	Claremont – Granted STA, U1 2500/0.75, fire damage to one tower.
830	WEEU	PA	Reading – Granted STA, U5 20000/1500, storm damage to night pattern tower.
910	WSRP	NC	Jacksonville – Granted STA, reduced power up to U1 5000/1250 (using U1
			500/500), Hurricane Florence damage.
920	WURA	VA	Quantico – Granted STA, U1 1750/243, two collapsed towers.
930	WLLL	VA	Lynchburg – Granted STA, U1 6000/42, problems with power lines.
950	WORD	SC	Spartanburg – Granted STA, parameters at variance.
1020	KVNT	AK	Eagle River – Granted STA, U1 2000/2000, transmitter damage.
	KCKN	NM	Roswell – Granted STA, U1? 1000/1000, station has been silent.
1060	KFIL	MN	Preston – Granted STA, D1 500, lightning damage (has since returned to full
			power).
1090	KBOZ		Bozeman – Granted STA, U1 580/580, transmitter problems.
1200	KFNW		West Fargo – Granted STA, day parameters at variance, day pattern problems.
1230	KOBB	MT	Bozeman – Granted STA, U1 47/47, 200' LW at 45-39-26/110-48-22.
1240	KELK	NV	Elko – Granted STA, U1 600/600, tower at 40-51-56/115-43-10.
1260	KSGF		Springfield – Granted STA, U1 5000/1000, storm damage at tower site.
	WNOO		Chattanooga – Granted STA, U1 150/25, 100' LW at 35-03-08/85-16-19.
1310	KIQQ		Barstow – Granted STA, U1 420/11, station has been silent.
1320			Fort Smith – Granted STA, U1 1000/1000, 30m LW at licensed site, flooding.
1350	WOAM		Peoria – Granted STA, parameters at variance, installation of new equipment.
	WPLM		Plymouth – Granted STA, U4 2500/5000, night pattern 24 hours.
1400	WLLH	MA	Lowell – Granted STA to operate from the Lawrence synchronous site only;
			has lost access to the main site at Lowell.
	KSRR		Provo – Granted STA with U1 300/300, 120' LW, station has been silent.
1420	KTAN		Sierra Vista – Granted STA with parameters at variance during testing.
1430	WRDN		Durand – Granted STA, has discovered need to correct coordinates with CP.
1470	WTTR		Westminster – Granted STA with U1 535/35 (as in CP).
	KKCL		Golden – Granted STA, U1 200/87.5, 120' LW at 39-45-59/105-14-12, lost site.
1590			Ventura – Granted STA with parameters at variance following FM diplexing.
	KLFE	WA	Seattle – Granted STA with parameters at variance, KKOL-1300 triplexing.
Appli	cation for	STA	filed:
			Sheridan – Applies for STA, U1 500/135, from old KYWO-1410 tower.
1410	KWYO	WY	Sheridan – Applies for STA, U1 500/350 from old tower at 44-46-15/106-55-39.
Extens	sions to ex	kistin	g STAs granted:
			Ironwood – Granted STA extension, U1 5000/113 as in CP.

600 WYEL PR Mayagüez – Granted STA extension, U1 1250/1250.

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610	WIOD	FL	Miami – Granted STA extension, U4 10000/10000, Cuban QRM.
			Eureka – Granted STA extension, U1 500/110 from KWSW-980 tower.
	-		Grass Valley – Granted STA extension, parameters at variance.
			Douglas – Granted STA extension, reduced power up to U1 5000/400.
			Faribault – Granted STA extension, parameters at variance.
			<u>.</u>
970			Jacksonville – Granted STA extension, U1 250/41.
1110			Portland – Granted STA extension, parameters at variance.
			Franklinton – Granted STA extension, D1 170, 224' LW at 30-44-13/90-12-07.
	-		Barceloneta-Manati – Granted STA extension, U1 1250/1250.
	KTRF		Thief River Falls – Granted STA extension, parameters at variance.
			Humacao – Granted STA extension, U1 1000/5000, Dom. Rep. QRM.
			Belmont – Granted STA extension, U1 2500/125.
			Dallas – Granted STA extension, parameters at variance.
1320	KSDT		Hemet – Granted STA extension, U1 50/50, whip at 33-44-45/116-59-59.
1.0.00	WDDV		Venice – Granted STA extension, U4 5000/250, day pattern used at night.
	WHNR		Cypress Gardens – Granted STA extension, U1 1250/625.
			Corry – Granted STA extension, U1 1000/125.
	WLRM		Millington – Granted STA extension, U1 1000/9.
	KRGI		Grand Island – Granted STA extension, U1 5000/250.
1440	WGVL		Greenville – Granted STA extension, U1 5000/1250.
	KEYS		Corpus Christi – Granted STA extension, U1 1000/69 as in CP.
	KARR		Kirkland – Granted STA extension, U1 250/250, 31m LW at 47-34-44/122-10-10.
1480	WGFY		Charlotte – Granted STA extension, U4 4400/5000, night pattern used in day.
1490	WVGB		Beaufort – Granted STA extension, U1 500/500 (or other lower power at night).
1550	WSRY		Elkton – Granted STA extension, parameters at variance.
		MO	
	KRZD	MO	Springfield – Granted STA extension, U1 10/10, 130' LW at 37-09-06/93-17-49.
1580	WHLY		South Bend – Granted STA extension, U1 10/10, 130° LW at 37-09-06/93-17-49. South Bend – Granted STA extension, U1 1000/125.
		IN	
	WHLY	IN	South Bend – Granted STA extension, U1 1000/125.
1590 Applie	WHLY WFBR	IN MD exter	South Bend – Granted STA extension, U1 1000/125. Glen Burnie – Granted STA extension, parameters at variance. nd existing STAs filed:
1590 Applie	WHLY WFBR	IN MD exter	South Bend – Granted STA extension, U1 1000/125. Glen Burnie – Granted STA extension, parameters at variance.
1590 Applio 730	WHLY WFBR	IN MD exter NM	South Bend – Granted STA extension, U1 1000/125. Glen Burnie – Granted STA extension, parameters at variance. nd existing STAs filed:
1590 Applio 730	WHLY WFBR cations to KDAZ WLBE	IN MD exter NM FL	South Bend – Granted STA extension, U1 1000/125. Glen Burnie – Granted STA extension, parameters at variance. nd existing STAs filed: Albuquerque – Applies for STA extension, D1 250.
1590 Applio 730 790	WHLY WFBR cations to KDAZ WLBE KJRB	IN MD exter NM FL WA	South Bend – Granted STA extension, U1 1000/125. Glen Burnie – Granted STA extension, parameters at variance. nd existing STAs filed: Albuquerque – Applies for STA extension, D1 250. Leesburg-Eustis – Applies for STA extension, U1 5000/250.
1590 Applio 730 790 810	WHLY WFBR cations to KDAZ WLBE KJRB WRSO	IN MD exter NM FL WA FL	 South Bend – Granted STA extension, U1 1000/125. Glen Burnie – Granted STA extension, parameters at variance. nd existing STAs filed: Albuquerque – Applies for STA extension, D1 250. Leesburg-Eustis – Applies for STA extension, U1 5000/250. Spokane – Applies for STA extension, night parameters at variance. Orlovista – Applies for STA extension, U1 5000/100.
1590 Applia 730 790 810 820	WHLY WFBR cations to KDAZ WLBE KJRB WRSO	IN MD exter NM FL WA FL MD	 South Bend – Granted STA extension, U1 1000/125. Glen Burnie – Granted STA extension, parameters at variance. and existing STAs filed: Albuquerque – Applies for STA extension, D1 250. Leesburg-Eustis – Applies for STA extension, U1 5000/250. Spokane – Applies for STA extension, night parameters at variance. Orlovista – Applies for STA extension, U1 5000/100. Frederick – Applies for STA extension, wants to continue all-digital tests.
1590 Applio 730 790 810 820 870	WHLY WFBR cations to KDAZ WLBE KJRB WRSO WWFD	IN MD exter NM FL WA FL MD PR	 South Bend – Granted STA extension, U1 1000/125. Glen Burnie – Granted STA extension, parameters at variance. and existing STAs filed: Albuquerque – Applies for STA extension, D1 250. Leesburg-Eustis – Applies for STA extension, U1 5000/250. Spokane – Applies for STA extension, night parameters at variance. Orlovista – Applies for STA extension, U1 5000/100. Frederick – Applies for STA extension, Wants to continue all-digital tests. San Juan – Applies for STA extension, U1 1250/1250.
1590 Applia 730 790 810 820 870 910	WHLY WFBR cations to KDAZ WLBE KJRB WRSO WWFD WQBS	IN MD exter NM FL WA FL MD PR	South Bend – Granted STA extension, U1 1000/125. Glen Burnie – Granted STA extension, parameters at variance. Albuquerque – Applies for STA extension, D1 250. Leesburg-Eustis – Applies for STA extension, U1 5000/250. Spokane – Applies for STA extension, night parameters at variance. Orlovista – Applies for STA extension, U1 5000/100. Frederick – Applies for STA extension, wants to continue all-digital tests. San Juan – Applies for STA extension, U1 1250/1250. New City – Applies for STA extension, U1 250/200.
1590 Applio 730 790 810 820 870 910 940	WHLY WFBR cations to KDAZ WLBE KJRB WRSO WWFD WQBS WRKL	IN MD exter NM FL WA FL MD PR NY IL	 South Bend – Granted STA extension, U1 1000/125. Glen Burnie – Granted STA extension, parameters at variance. ad existing STAs filed: Albuquerque – Applies for STA extension, D1 250. Leesburg-Eustis – Applies for STA extension, U1 5000/250. Spokane – Applies for STA extension, night parameters at variance. Orlovista – Applies for STA extension, U1 5000/100. Frederick – Applies for STA extension, Wants to continue all-digital tests. San Juan – Applies for STA extension, U1 250/1250. New City – Applies for STA extension, U1 250/200. Mount Vernon – App. for STA extension, U5 5000/20, from licensed day site.
1590 Applia 730 790 810 820 870 910 940 1130	WHLY WFBR cations to KDAZ WLBE KJRB WRSO WWFD WQBS WRKL WMIX WRRL	IN MD exter NM FL WA FL MD PR NY IL WV	 South Bend – Granted STA extension, U1 1000/125. Glen Burnie – Granted STA extension, parameters at variance. and existing STAs filed: Albuquerque – Applies for STA extension, D1 250. Leesburg-Eustis – Applies for STA extension, U1 5000/250. Spokane – Applies for STA extension, night parameters at variance. Orlovista – Applies for STA extension, U1 5000/100. Frederick – Applies for STA extension, Wants to continue all-digital tests. San Juan – Applies for STA extension, U1 250/1250. New City – Applies for STA extension, U1 250/200. Mount Vernon – App. for STA extension, U5 5000/20, from licensed day site. Rainelle – Applies for STA extension, D1 100, at 37-58-09/80-46-44.
1590 Applia 730 790 810 820 870 910 940 1130 1150	WHLY WFBR cations to KDAZ WLBE KJRB WRSO WWFD WQBS WRKL WMIX WRRL KKNW	IN MD exter NM FL WA FL MD PR NY IL WV WA	 South Bend – Granted STA extension, U1 1000/125. Glen Burnie – Granted STA extension, parameters at variance. and existing STAs filed: Albuquerque – Applies for STA extension, D1 250. Leesburg-Eustis – Applies for STA extension, U1 5000/250. Spokane – Applies for STA extension, night parameters at variance. Orlovista – Applies for STA extension, U1 5000/100. Frederick – Applies for STA extension, Wants to continue all-digital tests. San Juan – Applies for STA extension, U1 250/1250. New City – Applies for STA extension, U1 250/200. Mount Vernon – App. for STA extension, U5 5000/20, from licensed day site. Rainelle – Applies for STA extension, D1 100, at 37-58-09/80-46-44. Seattle – Applies for STA extension, parameters at variance.
1590 Applia 730 790 810 820 870 910 940 1130 1150 1240	WHLY WFBR cations to KDAZ WLBE KJRB WRSO WWFD WQBS WRKL WMIX WRRL KKNW KRAL	IN MD exter NM FL WA FL MD PR NY IL WV WA WY	 South Bend – Granted STA extension, U1 1000/125. Glen Burnie – Granted STA extension, parameters at variance. and existing STAs filed: Albuquerque – Applies for STA extension, D1 250. Leesburg-Eustis – Applies for STA extension, U1 5000/250. Spokane – Applies for STA extension, night parameters at variance. Orlovista – Applies for STA extension, U1 5000/100. Frederick – Applies for STA extension, Wants to continue all-digital tests. San Juan – Applies for STA extension, U1 250/1250. New City – Applies for STA extension, U1 250/200. Mount Vernon – App. for STA extension, U5 5000/20, from licensed day site. Rainelle – Applies for STA extension, D1 100, at 37-58-09/80-46-44. Seattle – Applies for STA extension, U1 50/50, LW at 41-47-04/107-15-47.
1590 Applia 730 790 810 820 870 910 940 1130 1150 1240 1260	WHLY WFBR cations to KDAZ WLBE KJRB WRSO WWFD WQBS WRKL WMIX WRRL KKNW KRAL WCHV	IN MD exter NM FL WA FL MD PR NY IL WV WA WY VA	 South Bend – Granted STA extension, U1 1000/125. Glen Burnie – Granted STA extension, parameters at variance. and existing STAs filed: Albuquerque – Applies for STA extension, D1 250. Leesburg-Eustis – Applies for STA extension, U1 5000/250. Spokane – Applies for STA extension, night parameters at variance. Orlovista – Applies for STA extension, U1 5000/100. Frederick – Applies for STA extension, U1 1250/1250. New City – Applies for STA extension, U1 250/200. Mount Vernon – App. for STA extension, U5 5000/20, from licensed day site. Rainelle – Applies for STA extension, D1 100, at 37-58-09/80-46-44. Seattle – Applies for STA extension, U1 50/50, LW at 41-47-04/107-15-47. Charlottesville – Applies for STA extension, U1 1250/625.
1590 Applia 730 790 810 820 870 910 940 1130 1150 1240 1260 1270	WHLY WFBR cations to KDAZ WLBE KJRB WRSO WWFD WQBS WRKL WMIX WRRL KKNW KRAL WCHV KZTQ	IN MD exter NM FL WA FL MD PR NY IL WV WA WY VA NV	 South Bend – Granted STA extension, U1 1000/125. Glen Burnie – Granted STA extension, parameters at variance. and existing STAs filed: Albuquerque – Applies for STA extension, D1 250. Leesburg-Eustis – Applies for STA extension, U1 5000/250. Spokane – Applies for STA extension, night parameters at variance. Orlovista – Applies for STA extension, U1 5000/100. Frederick – Applies for STA extension, Wants to continue all-digital tests. San Juan – Applies for STA extension, U1 250/1250. New City – Applies for STA extension, U1 250/200. Mount Vernon – App. for STA extension, U5 5000/20, from licensed day site. Rainelle – Applies for STA extension, D1 100, at 37-58-09/80-46-44. Seattle – Applies for STA extension, U1 50/50, LW at 41-47-04/107-15-47. Charlottesville – Applies for STA extension, U1 1250/625. Sparks – Applies for STA extension, night parameters at variance.
1590 Applia 730 790 810 820 870 910 940 1130 1150 1240 1260 1270 1410	WHLY WFBR cations to KDAZ WLBE KJRB WRSO WWFD WQBS WRKL WMIX WRRL KKNW KRAL WCHV KZTQ WHBT	IN MD exter NM FL WA FL MD PR NY IL WV WA WY VA NV FL	 South Bend – Granted STA extension, U1 1000/125. Glen Burnie – Granted STA extension, parameters at variance. and existing STAs filed: Albuquerque – Applies for STA extension, D1 250. Leesburg-Eustis – Applies for STA extension, U1 5000/250. Spokane – Applies for STA extension, night parameters at variance. Orlovista – Applies for STA extension, U1 5000/100. Frederick – Applies for STA extension, Wants to continue all-digital tests. San Juan – Applies for STA extension, U1 1250/1250. New City – Applies for STA extension, U1 250/200. Mount Vernon – App. for STA extension, U1 250/200. Mount Vernon – App. for STA extension, D1 100, at 37-58-09/80-46-44. Seattle – Applies for STA extension, U1 50/50, LW at 41-47-04/107-15-47. Charlottesville – Applies for STA extension, U1 1250/625. Sparks – Applies for STA extension, D1 30, 165' LW at 30-27-47/84-21-28.
1590 Applia 730 790 810 820 870 910 940 1130 1150 1240 1260 1270 1410 1420	WHLY WFBR cations to KDAZ WLBE KJRB WRSO WWFD WQBS WRKL WMIX WRRL KKNW KRAL WCHV KZTQ WHBT KRIZ	IN MD exter NM FL WA FL MD PR NY IL WV WA WY VA NV FL WA	 South Bend – Granted STA extension, U1 1000/125. Glen Burnie – Granted STA extension, parameters at variance. ad existing STAs filed: Albuquerque – Applies for STA extension, D1 250. Leesburg-Eustis – Applies for STA extension, U1 5000/250. Spokane – Applies for STA extension, night parameters at variance. Orlovista – Applies for STA extension, U1 5000/100. Frederick – Applies for STA extension, Wants to continue all-digital tests. San Juan – Applies for STA extension, U1 250/1250. New City – Applies for STA extension, U1 250/200. Mount Vernon – App. for STA extension, U5 5000/20, from licensed day site. Rainelle – Applies for STA extension, D1 100, at 37-58-09/80-46-44. Seattle – Applies for STA extension, U1 50/50, LW at 41-47-04/107-15-47. Charlottesville – Applies for STA extension, U1 1250/625. Sparks – Applies for STA extension, D1 30, 165' LW at 30-27-47/84-21-28. Renton – Applies for STA extension, U1 250/125 from KYIZ-1620 tower.
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1590 Applia 730 790 810 820 870 910 940 1130 1150 1240 1260 1270 1410 1420 1440	WHLY WFBR cations to KDAZ WLBE KJRB WRSO WWFD WQBS WRKL WMIX WRRL KKNW KRAL WCHV KZTQ WHBT KRIZ WPRD KPUR	IN MD exter NM FL WA FL MD PR NY IL WV WA WY VA NV FL WA FL TX	 South Bend – Granted STA extension, U1 1000/125. Glen Burnie – Granted STA extension, parameters at variance. and existing STAs filed: Albuquerque – Applies for STA extension, D1 250. Leesburg-Eustis – Applies for STA extension, U1 5000/250. Spokane – Applies for STA extension, night parameters at variance. Orlovista – Applies for STA extension, U1 5000/100. Frederick – Applies for STA extension, U1 1250/1250. New City – Applies for STA extension, U1 1250/1250. New City – Applies for STA extension, U1 250/200. Mount Vernon – App. for STA extension, U1 250/200. Mount Vernon – App. for STA extension, D1 100, at 37-58-09/80-46-44. Seattle – Applies for STA extension, U1 50/50, LW at 41-47-04/107-15-47. Charlottesville – Applies for STA extension, U1 30, 165' LW at 30-27-47/84-21-28. Renton – Applies for STA extension, U1 250/125 from KYIZ-1620 tower. Winter Park – Applies for STA extension, U1 5000/250.
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1590 Applia 730 790 810 820 870 910 940 1130 1150 1240 1260 1270 1410 1420 1440 1480 1510	WHLY WFBR cations to KDAZ WLBE KJRB WRSO WWFD WQBS WRKL WMIX WRRL KKNW KRAL WCHV KZTQ WHBT KRIZ WPRD KPUR WVOI KGA	IN MD exter NM FL WA FL MD PR NY IL WV WA WY VA NV FL WA FL TX FL WA	 South Bend – Granted STA extension, U1 1000/125. Glen Burnie – Granted STA extension, parameters at variance. and existing STAs filed: Albuquerque – Applies for STA extension, D1 250. Leesburg-Eustis – Applies for STA extension, U1 5000/250. Spokane – Applies for STA extension, u1 5000/100. Frederick – Applies for STA extension, Wants to continue all-digital tests. San Juan – Applies for STA extension, U1 250/1250. New City – Applies for STA extension, U1 250/200. Mount Vernon – App. for STA extension, U1 250/200. Mount Vernon – App. for STA extension, D1 100, at 37-58-09/80-46-44. Seattle – Applies for STA extension, U1 50/50, LW at 41-47-04/107-15-47. Charlottesville – Applies for STA extension, U1 250/2625. Sparks – Applies for STA extension, D1 30, 165' LW at 30-27-47/84-21-28. Renton – Applies for STA extension, U1 250/125 from KYIZ-1620 tower. Winter Park – Applies for STA extension, U1 5000/250. Amarillo – Applies for STA extension, U1 250/250. Sparkan – Applies for STA extension, U1 250/250. Spokane – Applies for STA extension, U1 250/250. Spokane – Applies for STA extension, U1 250/250.
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1590 Applia 730 790 810 820 870 910 940 1130 1150 1240 1260 1270 1410 1420 1440 1480 1510 1550	WHLY WFBR cations to KDAZ WLBE KJRB WRSO WWFD WQBS WRKL WMIX WRRL KKNW KRAL WCHV KZTQ WHBT KRIZ WPRD KPUR WVOI KGA WRHC	IN MD exter NM FL WA FL MD PR NY IL WV WA WY VA NV FL WA FL TX FL WA FL WA FL WA	 South Bend – Granted STA extension, U1 1000/125. Glen Burnie – Granted STA extension, parameters at variance. and existing STAs filed: Albuquerque – Applies for STA extension, D1 250. Leesburg-Eustis – Applies for STA extension, U1 5000/250. Spokane – Applies for STA extension, u1 5000/100. Frederick – Applies for STA extension, Wants to continue all-digital tests. San Juan – Applies for STA extension, U1 250/1250. New City – Applies for STA extension, U1 250/200. Mount Vernon – App. for STA extension, U1 250/200. Mount Vernon – App. for STA extension, D1 100, at 37-58-09/80-46-44. Seattle – Applies for STA extension, U1 50/50, LW at 41-47-04/107-15-47. Charlottesville – Applies for STA extension, U1 250/2625. Sparks – Applies for STA extension, D1 30, 165' LW at 30-27-47/84-21-28. Renton – Applies for STA extension, U1 250/125 from KYIZ-1620 tower. Winter Park – Applies for STA extension, U1 5000/250. Amarillo – Applies for STA extension, U1 250/250. Sparkan – Applies for STA extension, U1 250/250. Spokane – Applies for STA extension, U1 250/250. Spokane – Applies for STA extension, U1 250/250.

SILENT STATIONS

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

WSRP NC Jacksonville – Silent Oct. 18, 2018; back on the air with STA U1 500/500 June 2.

- KCKN NM Roswell Silent June 11, 2018; back on the air with STA 1000/1000 May 19.
- WYCZ TN White Bluff Silent (as WQSE) Apr. 4; back on the air June 6.
- **1060 KFIL MN Preston** Silent Apr. 11; back on the air May 21.
- KHIL AZ Willcox Silent May 10; back on the air June 2.
- WNOO TN Chattanooga Silent May 16; back on the air with STA May 24.
- WHGS SC Hampton Silent May 24; back on the air with U1 1000/219 May 22.

- **1390** WPLM MA Plymouth Silent June 7, 2018; back on the air with STA June 6.
- **1400 KSRR UT Provo** Silent June 8, 2018; back on the air with STA June 5.
- **1490 WSTP** NC Salisbury Silent July 27, 2018; back on the air May 29.

Stations informing the FCC that they are silent:

- **950 KFSA AR Fort Smith** Silent May 26, flooding.
- 1220 WQUN CT Hamden Silent May 31 1800 ELT, financial considerations.
- 1230 WODI VA Brookneal Silent Dec. 21, 2018, water damage to studio and transmitter.
- 1310 KAHL TX San Antonio Silent June 2, transmitter failure.
- 1400 WIDA PR Carolina Silent Oct. 10, 2017, due to Hurricane Maria.
- 1430 KAOL MO Carrollton Silent May 31, flooding.
- 1440 KTUV AR Little Rock Silent May 28, flooding.
- 1450 WCOX AL Camden Silent May 29, transmitter failure.
 - WLAY AL Muscle Shoals Silent Apr. 1, new owners want to find permanent new site.
- **KFSD** CA Escondido Silent June 1, financial issues.
- 1550 KMAD OK Madill Silent June 10, lightning damage.
- 1590 WVNA AL Tuscumbia Silent Apr. 1, new owners want to find permanent new site.

NRC AM Log Updates

570 WPLW NC Raleigh – Format to AC (ex-C&W); slogan & Group to Grp= Star 92.9. 630 KVMA AR Magnolia – Slogan to "Classic Hits." WMAL DC Washington – Format to SPT (ex-NWS/TLK); slogan to "ESPN 630," networks to ESPN; delete // WMAL-FM-105.9. 640 CBN NL Saint John's – Adds // CBN-1-88.5. (SA) 680 KFEQ MO Saint Joseph – Adds // K300DV-107.9. (FCC) 750 KBNN **MO Lebanon** – Networks to USA/Bf/Mo/DR. **AR** Sherwood – Adds // K249FE-97.7. (FCC) 760 KMTL NEWS/TALK/SPORTS/FARM AB Calgary – Slogan to "Global News Radio." (SA) 770 CHQR 780 WTME ME Rumford – Slogan to "Sports 780," networks to SBN. **790 WETB TN** Johnson City – Format to REL/GOS (ex-GOS). BC Invermere – Slogan to "106.3 EZ Rock," adds // CKGR-106.3. (FCC) 870 CKIR 890 CJDC BC Dawson Creek – Slogan to "Pure Country." (SA) NC Granite Falls - Adds // W233CR-94.5. 900 WYCV 910 WGTO MI Cassopolis – Slogan to "Kool 97.1 and 910 AM." NC Jacksonville – Group to Grp= La Grande 1000. WSRP MT Baker - Adds // K256DH-99.1. (FCC) **960 KFLN 980 WULR** SC York – Slogan to "Radio Nueva Vida." KY Jamestown – Adds // W293DK-106.5. (FCC) 1060 WIKY 1070 WDIA TN Memphis – Format to UC:AC/OLD (ex-UC:AC). 1080 WALD **SC** Johnsonville – Group to Grp= WEAF Group. (FCC) 1130 KSDO CA San Diego - Slogan & Group to Grp= Radio Inspiration (ex-Grp= Radio Nueva Vida) SC WEAF **Camden** – Group to Grp= WEAF Group (FCC) 1150 WGGH IL Marion – Networks to SRN. **KZNE** TX College Station – Slogan to "The Zone 1150 AM & 93.7 FM," adds // K229DK-93.7; delete // K274CM-102.7. 1170 WKFL FL Bushnell – Format to OLD (ex-C&W); networks to C; slogan & Group to Grp= Boss Hog Radio. (TK) (JS) WFPB MA Orleans – Slogan to "Music Mix." **AR** White Hall – Format to CLR (ex-UC:GOS). 1190 KIJI CA Palo Alto – Adds // K237GZ-95.3. (FCC) 1220 KDOW **NC Reidsville** – Slogan & Group to Grp= La Grande 1000. WREV UT Murray – Format to TLK (ex-SPT); slogan to "The Place-Common Sense Talk 1230 KJJC Radio," networks to SRN. (MR) **KNRY** CA Monterey – Adds // K240EV-95.9. (FCC) 1240 **CA** San Bernardino – Slogan & Group to Grp= Radio Inspiration (ex-Grp= Radio KEZY Nueva Vida). 1250 KWSU WA Pullman - Slogan to "Northwest Public Broadcasting."

1260	WQOF	DC	Washington – Slogan to "Relevant Radio," networks to IHR; delete // WAVA-FM-105.1.
1270	KTFI	ID	Twin Falls – Slogan & Group to Grp= Salt & Light Radio. (FCC)
	WQKR		Portland – Format to CLR/TLK (ex-CLR); adds // W269DQ-101.7, delete
			// WPDQ-91.5. (FCC)
1280	WHVR	PA	Hanover – Format to AC (ex-CLR); slogan to "Happy."
			Gettysburg – Format to AC (ex-SPT); slogan to "Happy," drops nets.
			Lakeland – Format to OLD (ex-UC:GOS); networks to C; slogan & Group to
			Grp= Boss Hog Radio. (TK) (JS)
1340	KXQZ	ID	Wendell – Slogan & Group to Grp= Salt & Light Radio. (FCC)
1360	WHNR	FL	Cypress Gardens – Format to OLD (ex-C&W); networks to C; slogan & Group
			to Grp= Boss Hog Radio. (TK) (JS)
	WHCG	GA	Metter – Format to CCR (ex-GOS).
	WFLW	KΥ	Monticello – Format to C&W (ex-GOS).
1390	KLTX	CA	Long Beach – Slogan & Group to Grp= Radio Inspiration (ex-Grp= Radio
			Nueva Vida).
1400	WKBI	PA	Saint Marys – Format to NWS/TLK (ex-NOS); slogan to "News Talk," nets to
			A/WW1/P/Ru.
	KSRR	UT	Provo – Format to REL (was Silent); delete slogan, delete // KQMB-96.7.
1420	KTAN	AZ	Sierra Vista – Format to CLR (ex-C&W); slogan to "Thunder 98.1," adds
			// K251CQ-98.1.
			Saint Albans – Format to BIZ (ex-BIZ); networks to BNN.
			Lehigh Acres – Reported Silent. (TK)
1450	KEZJ		Twin Falls – Slogan & Group to Grp= Radio Católica Sal y Luz. (FCC)
			Altus – Slogan to "The Legend."
	CHOU		Montréal – Slogan to "Radio Middle East" // FM 104.5. (SA)
1460	WIFI	-	Florence – Adds // W225DJ-92.9. (FCC)
	KZUE		El Reno – Slogan & Group to Grp= La Tremenda. (FCC)
1470	WQXL		Columbia – Networks to A/SCs/WW1/DR/CMP/RER.
			Georgetown – Slogan to "True Oldies Channel."
1490			Caldwell – Slogan & Group to Grp= Radio Católica Sal y Luz. (FCC)
	WEMJ	NH	Laconia – Format to CHR (ex-TLK/Tourist); delete nets; slogan & Group to
		.	Grp= 105.5 JYY.
	WCVA	VA	Culpeper – Format to CLR (ex-C&W); Group to Grp= 95.3 Sam FM (ex-Grp=
1=40		TNT	Today's Country).
1540	WLOI		La Porte – Slogan to "Rock 106.5," adds // W293DR-106.5.
1550	KGMZ	CA	San Francisco – Format to LGBTQ:TLK/CHR (ex-SPT); slogan to "Channel Q,"
	VVCI	\mathbf{co}	delete // KGMZ-FM-95.7.
	KKCL		Golden – Reported Silent. (JW)
1560	KESJ		Saint Joseph – Adds // K298DA-107.5. (FCC)
1560 1570	WFSP CU V		Kingwood – Format to GOS (ex-CLR); delete slogan, delete // WFSP-FM-107.7.
1570 1590	CJLV WAKR		Laval – Slogan to "AM 1570." (SA)
1590 1650	CINA		Akron – Adds // W228EL-93.5. (FCC) Mississauga – Format to South Asian (av. FE:VAR) (SA)
1650 1680	KGED		Mississauga – Format to South Asian (ex-FF:VAR). (SA) Fresno – Slogan to "News Talk."
1000	NGED	CA	1 1 0 1 0 1 0 1 0 1 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 0 0 0 0 0 0 0

New Groups

6

Grp= 95.3 Sam FM – WCVA-1490, W237CA-95.3, WOJL-105.5

Grp= 105.5 JYY – WJYY-105.5, WEMJ-1490, W297BS-107.3

Grp=Boss Hog Radio – WWAB-1330, WHNR-1360, WKFL-1170 (TK) (JS)

Grp= La Tremenda – KZUE-1460, K249FG-97.7, K249EN-97.7 (FCC)

Grp= Radio Católica Sal y Luz – KEZJ-1450, KCID-1490, K273DG-102.5 (FCC)

Grp= Salt & Light Radio – KTFI-1270, KXQZ-1340, K269HA-101.7, K262DD -100.3(FCC)

Grp= Star 92.9 – W225DF-92.9, WPLW-570, W262CZ-100.3

Grp= WEAF Group – WEAF-1120, WALD-1080, W254DG-98.7 W258DL-99.5 (FCC)

Group Name Change

Grp = Inspiration Radio becomes Radio Inspiration

Group Changes

Grp= All News 102 adds WBQK-107.9 West Point Grp= Faith Talk 570/910 adds W262CP-100.3 Bayonet Point Grp= Hog Country adds K290BU-105.9 Boonville (FCC) Grp= JMJ 750 Radio adds W261DQ-100.1 Hazelton (FCC) Grp= La Grande 1000 adds WREV-1220 Reidsville and WSRP-910 Jacksonville

Deleted Groups

Grp= Today's Country

From Radio Insight:

ESPN is ending its ESPN Deportes Radio network on September 8. Some of the ESPN Deportes Radio programming will shift to podcast delivery including "Jorge Ramos y Su Banda" and "Raza Deportiva". The company will produce 10 additional Spanish language podcasts as well. Sports Business Daily adds that the move will lead to layoffs for 10 full-time and 25 part-time employees as ESPN closes its Coral Gables FL offices. While down in affiliates from a few years ago, the shutdown will leave affiliates such as Lotus Broadcasting's 1330 KWKW Los Angeles and 1460 KENO Las Vegas, Actualidad 990AM's 990 WMYM Miami, Entravision's 710 KBMB Phoenix and 1090 KMXA Denver, Multicultural's 1680 WTTM Philadelphia, and Liberman's 1540 KZMP Dallas seeking new programming. ESPN owned 1050 WEPN New York will switch back to the English language national ESPN Radio feed.

Thanks to Shawn Axelrod (SA), Bill Hale, FCC Database (FCC), Terry Krueger (TK), Mike Riordan (MR), John Wilkins (JW), and John Santosuosso (JS).

NRC Antenna Pattern Book 8th Edition

The 8th Editon of the NRC AM Station Antenna Pattern Book is now available. This all-new edition was prepared by Bill Hale and accompanies the 2018 (39th Edition) of the National Radio Club's AM Radio Log. The book comes shrink wrapped in 81/2 by 11 three hole punch format for placement

in your own three ring binder. The book has maps covering 530 through 1700 kHz showing day and night patterns for U.S., Canadian, and selected Mexican and Caribbean stations.

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

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

 \odot 0 790 kHz Regional 52

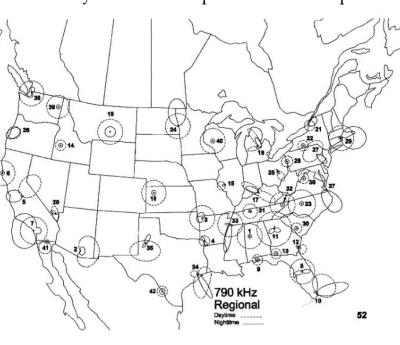
NOAA Space Weather Outlook

Issued June 17, 2019 – For the period June 17-July 13, 2019 http://www.swpc.noaa.gov/products/weekly-highlights-and-27-day-forecast

Solar activity is expected to be at very low levels throughout the outlook period. No proton events are expected at geosynchronous orbit.

The greater than 2 MeV electron flux at geosynchronous orbit is expected to reach high levels on 26-30 June, with moderate levels expected on 18-25 June and 01-03 July in response to elevated wind speeds associated with recurrent CH HSS activity.

Geomagnetic field activity is expected to reach active levels on 17-19, 25 June, unsettled levels on 20-22, 24, 26 June and 06, 10-11, 13 July due to CH HSS influence. Quiet conditions are expected throughout the remainder of the outlook period.



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 <u>Eastern Local Time</u> (ELT)

REPORTERS

- **BC-NH** Bruce Conti, Nashua Excalibur SDR, variable termination 50 x 75-ft Super/Ewe antennas at 60° northeast and 180° south.
- HJH-PA Harry Hayes, Wilkes-Barre Grundig S350, ALA-1530 loop
- KK-VA Kraig Krist, Manassas Winradio G33DDC SDR, Wellbrook ALA-1530S+ Imperium Loop
- TLK-FL Terry Krueger, Clearwater NRD-535, IC-R75, longwires, active loop
- **PS-ON** Paul Snider, London Elad FDM-S2, Pixel Pro 1B loop, MFJ-1020C tuner
- JW-PA Jim Weber, Oyster Point Grundig S350
- MKB-ON Mike Brooker, Toronto Grundig YB-400PE, XHDATA D-808, Sony SRF-39FP, C Crane Skywave, Panasonic RF-2200
 - Follow me on Twitter! @patria1818 DX-related tweets will be hash-tagged #MWDX.

Friend me on Facebook! <u>www.facebook.com/keval.mike</u> View me on Instagram! brookermike

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<u>UnID</u>

- 5/31 0651 Possibly a pirate station, maybe the biggest mystery in my 48 1390 unID years of DXing. While on the frequency with WAJD, Gainesville, FL (Smooth Jazz and branding slogan as "Gainesville's Smooth Jazz 98.9 FM") and weaker WFHT, Avon Park, FL (The Whispers, O'Jays), up fades "Rocket" by Def Leppard briefly, then back up at 0700 with ZZ Top "Sharp Dressed Man" into AC/DC "You Shook Me All Night Long" then male voiced "The new 98.9, WMMO, Orlando" into Joe Perry voice snip within promo for a contest to see Aerosmith in Las Vegas, into their "Sweet Emotion" and "98.9, WMMO, Orlando's Classic Hits" and commercials, female morning jock. Indeed, parallel Orlando's WMMO FM web stream, while WAJD and WFHT continued poorly in the mix and both parallel their web streams. There's only two Florida stations on 1390, WAJD and WFHT. Signal pointed roughly ENE in the direction of Lakeland, Orlando and Daytona. Signal either abruptly off around 0800 or a rapid fade, never to return on checks, nor heard subsequent days same time. Anything much beyond Florida to the NE has already faded by this time. Suspect someone between Clearwater and Orlando was testing a transmitter on 1390, but who and why? Working theory is that someone is rogue testing a transmitter somewhere in central/north central Florida, possibly a replacement or aux transmitter, using a 'vacant' channel while the licensed existing frequency/transmitter remains on air. Either that or a blatant pirate. No CPs exist on 1390 or adjacent channel either side in FL. There's no 1390 in the Tallahassee market (including across the border in south GA). (TLK-FL)
- 1590 unID -- 5/17 1900 Someone carrying the Baltimore Orioles baseball network game. Isn't WFBR as they are still playing urban oldies. Check of <u>www.mlb.com/orioles/schedule/broadcast-affiliates</u> does not find a listing for 1590 AM. (KK-VA)

LOGGINGS

- **590 WVLK KY Lexington** 5/20 2316 Tuned in to talk, missed ToH ID, news, weather (which mentioned temperatures on the 90s, matching forecast for the next few days in Lexington), "Lexington's News Talk" slogan at 2305, into Michael Savage Show. Poor to very poor under CJCL. Also had WMBS in there as well. Eventually lost to above stations. **(PS-ON)**
- **610** WXVA VA Winchester 6/4 2244 "Bennie and the Jets" by Elton John, possible jingle right after, then lost to station mix. Very, very poor with WTVN, WTEL and CKTB. // to Tune In stream. (PS-ON)

- **960 CKNT ON Mississauga** 6/7 2315 Talk about Trudeau and carbon tax, oil situation in the Maritimes, ad for Mississauga Steelheads, "New Talk Sauga 960" slogan at 2332. Fair to very poor with WFIR. // sauga960am.ca stream. **(PS-ON)**
- 970 WCHN NY Norwich 6/8 2100 Fair; "This is WDOS AM 730 Oneonta, WCHN AM 97 Norwich, WDLA AM 1270," cut to Fox Sports. (BC-NH)
- **1110 WMBI IL Chicago** 5/20 2100* Over WBT with Spanish gospel, "WMBI y WMBI FM Chicago" ID in SS then gone, presumably s/off, unless they have a flea-power post-sunset authority. (MKB-ON)
- **1120** WKQW PA Oil City 5/20 2316 On after local sunset with lots of Fox Sports Radio promos, ads (including a couple that mentioned Pennsylvania), into presumed Jason Smith Show. Fair to poor jockeying with KMOX. (PS-ON)
- **1150 WMST KY Mount Sterling** 6/11 2237 "Top of the World" by the Carpenters, "...family friendly music, WMST" ID at 2239, Motel 6 ad, weather report "on WMST", more music. Fair briefly to very poor under CKOC. Also heard WCUE and WMNY as well. // to Tune In stream. (**PS-ON**)
- **1160** WCVX KY Florence 5/20 2300 Caught ToH ID "...Christian talk, WCVX", into religious program (Through the Bible according to their website). Fair at times to very poor with WCCS and WCXI. (PS-ON)
- **1210 WJNL MI Kingsley** 5/19 0043 On after sunset with local ads and mentions of WJML, Traverse City and Petoskey. Poor to very poor with WPHT. **(PS-ON)**
- **1220 WFKN KY Franklin** 5/19 0055 C&W music, missed ToH ID, possible news, weather report by female announcer and WFKN ID, more music. Poor to very poor mostly under WHKW. **(PS-ON)**
- **1290 WNBF** NY Binghamton 6/15 2005 Over usual CJBK with Binghamton Rumble Ponies Eastern League (class AA) baseball v. Altoona Curve, "...catch all the Ponies action on news radio WNBF". (MKB-ON)
- **1330 WGFT OH Campbell** 5/29 2312 On after sunset with urban contemporary tunes (Prince, Monica to name a few). Fair occasionally to very poor with WTRX and others. // to Tune In stream. (**PS-ON**)
- **1340 WMBO NY Auburn** 6/4 2105 Out of graveyard mush with classic rock, female "94.1, 95.3, 103.9 the Dinosaur" slogan. No mention of AM frequency, which is not unusual. **(MKB-ON)**
- **1370 WLOP GA Jesup** 5/30 0649 Fair-poor but dominating with local spots including "Harris Ace Hardware in Jesup" then back to Fox Sports Radio audio. Someone up at 0654 for a few seconds with Los Lobos' cover of "La Bamba" then someone airing Fox News at 0655 before WLOP dominated again. First time here, I believe. **(TLK-FL)**
- **1380 WKJV** NC Asheville 5/22 0052 Noted a male announcer reading a community calendar listing revivals, camps etc. Many with 828 area codes in North Carolina, mention of "King's Radio" at 0055, gave contact info for community calendar (WKJV/WKJW 70 Adam's Hill Road, fax number and wkjv.com website), USA Radio Network news. Fair at first to poor/very poor. (PS-ON)
- **1390 WSPO SC Charleston** 6/1 0655 Very weak traces of black gospel, then man with "WSPO, Charleston" at 0700 and signal completely gone with strong WAJD dominating. Charleston sunrise: 6:13, Clearwater sunrise: 6:35 this day. **(TLK-FL)**
- 1400 WAWO GA Alma 5/31 0528 Old time gospel vocals, man at 0529 "You're listening to...gospel on WAWO..." and at 0541 "WAWO is your Southern Gospel radio station." (TLK-FL)
- **1410 WSCW WV South Charleston** 6/13 0020 On after sunset with America First with Sebastian Gorka, "...AM 1410 The Light" slogan at 0030, national ads (Place For Mom etc.). Fair occasionally with WING, CJWI. **(PS-ON)**
- **1430 WFOB** OH Fostoria 5/20 0046 ESPN promos, sports talk, ads (one with 419 area code and mention of Ohio), missed ToH ID. Fair to very poor with CHKT, WXNT and unknown oldies station, WVAM? Not usual oldies station on 1430 KZQZ. (PS-ON)
- **1450 WTBO MD Cumberland** 5/31 0443 Call sign ID with mention of 97.9 FM frequency. Playing "Tuesday Afternoon" by the Moody Blues at 0447. Occasionally in well. (JW-PA)
 - +++ 6/3 2242 Slogan, "WTBO...Best Oldies" then into Average White Band, "Pick Up the Pieces" before sliding back into the mud. **(HJH-PA)**
 - WPGG NJ Atlantic City 6/8 2250 Up briefly with ID and contest info. (HJH-PA)

- WLEC OH Sandusky 5/27 0419 Nice "1450 WLEC" ID at this time in a jumble of stations. (JW-PA)
- WREL VA Lexington 5/28 0500 Out of graveyard slop with ID on the hour, "1450 WREL Lexington". (JW-PA)
- **1470** WMMWCT Meriden 6/6 2130 Great, non-fading signal with Lars Larson program. ID as "Talk of Connecticut, WDRC". (HJH-PA)
 - WMBD IL Peoria 5/29 0432 Local ad for "Auto Smart" in North Pekin, IL at this time. (JW-PA)
- **1510 WWHN IL Joliet** 6/15 2200 Fair with local WMEX off the air; apartments in Chicago Heights with 708 area code advertising special for move-in by June 30. New log, domestic 1008 this decade. **(BC-NH)**
 - WRNJ NJ Hackettstown 5/11 1857 In WLAC/WFAI/WWSM mix with male and female: "The best music. The most variety. RNJ". (KK-VA)
 - WFAI NJ Salem 5/11 1916 In WLAC/WRNJ/WWSM mix with Gospel singing, station promo: "Faith 15-10 home of the Charlie...show. Weekdays starting at 10 AM on Faith 15-10". (KK-VA)
 - +++ 6/1 0349 Operating clearly from 0330 through 0400; "Joy and Inspiration" tagline at this time. Contemporary urban gospel music through the period was corroborated with the station internet feed. At times, signal strongly competed with WLAC but did not notice a power-up at 0430. No indication in prior *DX News* issues that operations are other than daylight. (JW-PA)
 - WLGN OH Logan 6/13 0057 On after sunset with oldies by Huey Lewis & The News, Marvin Gaye, Eagles, Looking Glass etc., "... at home, in your car...103.3 LGN", weather, some ads, "103.3 LGN" slogan by female announcer at 0125. Fair to very poor with WLAC. (PS-ON)
 - **WWSM PA** Annville-Cleona 5/11 2000 In WLAC/WRNJ/WFAI mix with bluegrass songs, male "This is WWSM..." ID. (KK-VA)
- **1530 WLLQ** NC Chapel Hill 5/11 2001 In multi-station mix (WCTR, WCKY, WVBF, UNID other singing and C&W) with Spanish singing and no valid ID for a long time until legal ToH ID in halting English: "WRTG AM... WLLQ AM Chapel Hill... La Grande". (KK-VA)
- **1540 KLKC KS Parsons** 5/11 2020 Presumed in multi-station mix with Fox Sports, "...podcast...Fox Sports Radio" promo. Only Fox Sports I see on 1540 is KLKC. If valid, then a new station for me. **(KK-VA)**
 - WWGK OH Cleveland 5/11 2042 Presumed in multi-station mix with ESPN sports, "...on ESPN radio..." promo. Only ESPN (other than SS ESPN Deportes) I see on 1540 is WWGK. If valid, then a new station for me. (KK-VA)
 - WBTC OH Uhrichsville 5/11 2117 In multi-station mix with oldies, male "Big hits WBTC" ID. (KK-VA)
 - WULT VA Sandston 5/11 2003 In multi-station mix (WYNC, WBTC, CHIN, more UNID Spanish) with Spanish singing, Hispanic male with legal ID in EE: "15-40 AM WULT Sandston..." New station for me. (KK-VA)
- **1550 WNZF FL Bunnell** 5/17 2032 In multi-station mix with local weather, "...I'm meteorologist Herb...for WNZF". **(KK-VA)**
 - WTHB GA Augusta 5/17 2021 In multi-station mix with "Praise 96 9" slogan. (KK-VA)
 - WCLY NC Raleigh 5/17 1947 In multi-station mix (WMRE, WITK, WIGN, WTHB, WNZF, CBEF, UNID SS talk) with male DJ: "That was Ben Harper 'Waiting on an Angel' on 95 7 'That Station'". New station for me. (KK-VA)
 - WITK PA Pittston 6/6 0249 Local ads and promo for WITK and Wilkens Radio. (JW-PA)
 - WIGN TN Bristol 5/17 2020 In multi-station mix with bluegrass, "WIGN 15-50 AM" ID at end of banjo music. (KK-VA)
- **1560 WYZD NC Dobson** 5/17 1900 In WKIK/WSVB/WFME mix with male "You are listening to 95.3 FM..." (KK-VA)
- **1580 WCCF FL Punta Gorda** 5/17 1902 In multi-station mix (WJFK, WVKO, KGTR, CKDO and UNID Spanish) with male "This is WCCF 15-80 and ...". New station for me. **(KK-VA)**
 - **KTGR MO Columbia** 5/17 2034 Presumed in multi-station mix with mention of "...105 ESPN". Only ESPN with "105" I'm able to find (ktgr.com) is KTGR. If valid, then a new station for me. **(KK-VA)**
 - WVKO OH Columbus 5/17 2032 In multi-station mix with ID as "You're listening to the soul of the city AM 15-80 WVKO 92.9 FM 'The Drum'". (KK-VA)



- 1590 WALG GA Albany 5/28 0625 "AM In the Morning" and Westwood One promo, male canned legal ID used at 0629, trading places with WPSL, Port St. Lucie. Checking for WRXB, St. Pete Beach, which went dark July 6, 2018, reportedly back on April 26 and then off May 5, 2019. No trace of them today, and never did catch them if they were active for just over a week. (TLK-FL)
 - WHPY NC Clayton 5/17 1900 In multi-station mix (WHGT, WFBR, WKTP, WCSL, UNID talk, baseball game and Spanish) with long ToH ID-cum-inspirational message: "WHPY 15-90 AM Clayton North Carolina wishes to encourage you to spend your day wisely and when the outlook in life looks bad..." (KK-VA)
- **1600** WWRL NY New York 5/24 2048 In multi-station mix with female "You're listening to WWRL New York 1600 AM" ID and "The sound of New York" slogan. (KK-VA)
 - WAYC PA Bedford 5/24 2006 In multi-station mix (WPDC, WCPK, WKZK, WWRL, WIDU) with oldies, but different type of oldies than heard on WPDC, i.e. more "Music of Your Life" type songs, ad for local law firm at "102 West Penn Street in Bedford. 623-7566". "WAYC" jingle at 2017. New station for me. (KK-VA)
 - WPDC PA Elizabethtown 5/24 1904 In multi-station mix with oldies, "Sweet Sounds From E Town, Sweet 16" slogan, "Where the memories are" station promo at 2058. (KK-VA)
 - WKZK SC North Augusta 5/24 2039 In multi-station mix with male and female "103.7. Feel the spirit. WKZK ... " station promo. (KK-VA)
- Frederiksted 5/24 2118 In R. Rebelde Cuba mix with female "It's time...on 1620 WDHP VI the Reef 103.5". I saw the WDHP tower as I entered Frederiksted when visiting St. Croix a few years ago. Wish I had taken a photo. (KK-VA)

Domestic DX Digest – West

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

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

PLEASE SUBMIT ALL REPORTS IN THE FORMAT SEEN BELOW

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

Upcoming deadlines for Issues 18 and 19: Thursdays, July 11 and August 19, respectively.

REPORTERS

- Neil Bartlett Mt. Horeb, Wisconsin Sony ICF SW-7600GR barefoot NB-WI
- John Wilkins Wheat Ridge, Colorado Drake R-8, 4-foot box loop JW-CO

DXLOGGINGS

- 0740 C&W music; ID at 0742: "It's a Classic Country 610 KCSR NE Chadron – 5/25 weekend . . . on KCSR", followed by more music. Fair, no QRM. (JW-CO)
- 970 KXTA ID Rupert - 5/18 0708 - Segued Mexiitunes, mainly ranchera; occasional "La Patrona" slogans, e.g: "Con puros exitos musicales aqui en La Patrona 9-70 AM". Tuned out at 0730. Fair peaks, but QRM and fading. (JW-CO)
- Boise 5/18 0659 Legal ID at 0659:50: "You're listening to Salt and Light 1140 KGEM ID Catholic Radio, AM 1140 KGEM Boise and FM 102.3 K272FS Boise" and into EWTN programming. Fair, mixing with CHRB. (JW-CO)
- Jacksonville 6/14 0034 Poor-to-fair, with Cubs vs. Dodgers 1180 WLDS IL game. New here. (NB-WI)
- 1450 KGIW CO Alamosa – 6/7 0756 – Local merchants congratulating station on its 90th anniversary. Fair. (JW-CO)
- OK Woodward 5/15 0806 Ad for 'McBrides'; ID as ""WWLS" 1450 KSIW (The Sports Animal flagship station). Presumed. (JW-CO)
- TX University Park 6/7 0759 Legal ID at 0759:55, along with "ESPN Deportes 1540 KZMP Radio" slogan; into same at ToH. Fair, but fading away. (JW-CO)

International DX Digest

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

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For loggings of stations outside the U.S. and Canada All times are <u>Universal Coordinated Time</u> (UTC)

TRANS-ATLANTIC DX

- 252 **IRELAND** *RTÉ Radio 1,* Clarkestown MAY 10 0300 Man with RTE news about Ireland being the second country to declare a climate emergency; fair. Algeria apparently off at the time.{A} [Connelly-MA]
- 639 **SPAIN** *RNE1* La Coruña et al. MAY 10 0300 5+1 pips, time check, intro music, man "Radio Nacional de España, servicios informativos"; fair.{A} [Connelly-MA]
- 657 **SPAIN** *RNE5* Madrid MAY 10 0300 Pips, RNE news intro; poor to fair.{A} [Connelly-MA]
- 855 **SPAIN** *RNE1* Murcia et al. MAY 23 0100 RNE news intro. [Connelly-MA]
- 981 **ALGERIA** *Chaîne 2*, Ouled Fayet MAY 23 0100 Pips with last a higher pitch, male vocal, then talk by woman. [Connelly-MA]
- 1044 **SPAIN** *SER* San Sebastián//Valladolid MAY 10 0300 Rhythmic music, 5+1 pips, news by woman in Spanish; good.{A} [Connelly-MA]
- 1107 SPAIN RNE5 synchros MAY 23 0100 RNE news intro; echoey. [Connelly-MA]
- 1179 **ROMANIA** *R.România Actualitati,* Galbeni//Vascau MAY 23 0100 *R.România Actualitati* ID; through slop. [Connelly-MA]
- 1215 **UNITED KINGDOM** *Absolute Radio* synchros JUN 9 0258 Poor; "Riptide" by Vance Joy. [Conti-NH]
- 1512 **SAUDI ARABIA** *SBC* Jeddah JUN 16 0200 Poor, but with loud het against 1510 WWHN; Koran. [Conti-NH]
- 1530 **SAO TOME** *VOA* Pinheira JUN 9 0259 Under WCKY; sign-on announcement and Yankee Doodle. [Conti-NH]
- 1539 **UNITED ARAB EMIRATES** *Asianet Radio*, Al-Dhabbiya JUN 10 0100 Poor; subcontinental accented announcements by a woman. [Conti-NH]
- 1618 unID JUN 2 0200 Poor; only bits of audio through lightning noise. *R.Drukstromjager*, *R.Mustang*, and *Turftrekker* are among the Dutch pirates reported occasionally on 1618 kHz. The European path was open. UK signals from 693, 882, 909, 1089, and 1215 also observed but unreadable due to lightning noise. JUN 9 0158 Poor; music. JUN 10 0200 Noted again with frequent fade in/out, as strong as s7 for brief moments. Sign-off apparently sometime after 0200 as signal hasn't been observed in 0300 UTC captures. Roy Barstow, Cape Cod, Massachusetts, via RealDX reported receiving it too. [Conti-NH]

PAN-AMERICAN DX

- 650 **CUBA** *R.Progreso*, Ciego de Avila MAY 25 0900 Under local WSRO; cadena nacional onda de la alegría ID parallel 640 kHz. [Conti-NH]
- 690 **MEXICO** XEN *R.Centro*, México, DF MAY 24 0858 Fair; 3:58 time check, "XEN AM Radio Centro y el Fonógrafo 690, transmite con cien mil wats de potencia desde... Radio Centro y el Fonógrafo 690, una estación de Grupo Radio Centro, máxima audiencia en medios," another 3:58 time check, and nostalgia. [Conti-NH]
- 690 unID JUN 9 0900 Over/under XEN and CKGM; time signal with a tone every second continued through the hour. Could've been a domestic with an automation glitch. [Conti-NH]
- 740 **BRAZIL** ZYH446 *R.Sociedade da Bahia*, Salvador/Ilha de Itaparica MAY 23 0101 Bahia and Salvador mentions in fast Portuguese talk by man; CHCM under with VOCM net ID and '80s hit.{A} [Connelly-MA]
- 760 **BRAZIL** ZYH588 *R.Uirapuru*, Fortaleza MAY 23 0101 Uirapuru en Fortaleza ID followed by soft music interlude, man preaching in Portuguese; to fair peak. [Connelly-MA]
- 770 **CUBA** *R.Rebelde*, Victoria de las Tunas JUN 7 0535 Female song in Spanish has just faded up replacing WABC which faded out. Immediately matched to 5025 kHz, so it's *R.Rebelde*, 10 kW in Las Tunas-Victoria. [Hauser-OK]
- 910 **CUBA** *R.Cadena Agramonte*, Camagüey-Tagarro JUN 6 0859 Male calls, slogan, into 40'sera Cuban vocals. Same canned ID at 0930 UTC. Very good. [Krueger-FL]

- 940 **MEXICO** unID JUN 7 1112 Tropical music from north/south, 1114 maybe ID just at our earliest sunrise, but too much splash from local 960 KGWA. There are no U.S. Spanish along this axis, and very likely XERKS Reynosa, Tamaulipas, 1/1 kW, with a romántica format. Some other 940s have left for FM, per IRCA Mexican log, such as XEYJ in Coahuila, but not including XEQ. [Hauser-OK]
- 1039.61 **VENEZUELA** YVLB *La Voz de Carabobo,* Valencia MAY 23 0100 Male Spanish vocal through top-of-hour. [Connelly-MA]
- 1060 **CUBA** *Radio* 26, Jovellanos MAY 24 0401 Under KYW; signature music and time marker, choral national anthem. JUN 9 0400 Under KYW; choral national anthem. [Conti-NH]
- 1110 **CUBA** *R.Angulo*, Holguín JUN 10 0400 Under WBT; choral national anthem. [Conti-NH]
- 1140 **CUBA** *R.Mayabeque,* La Salud JUN 14 1028 "Yo soy Armando... desde Radio Mayabeque..." Usual Rebelde, Musical, WQBA co-channel. Theme, male canned ID and FM frequency again. [Krueger-FL]
- 1140 **CUBA** *R.Rebelde,* Aguada//Caribe//Circunvalación//Guantánamo-La Piña JUN 10 0401 Through CBI and WRVA; choral national anthem parallel 1180 and 1620 kHz. An unID cochannel Cuban was received with the anthem at 0359 UTC but faded out. [Conti-NH]
- 1190 **MEXICO** unID JUN 7 1043 Abba's Spanish version of "Chiquitita" then male announcer, lost to WAMT at 1146 UTC. Either XECT *Contacto 1190*, Monterrey (the most-often heard here) or XEWK, *W Radio*, Guadalajara. Didn't get to 900 kHz in time to check for possible parallel on the latter. [Krueger-FL]
- 1230 **MEXICO** unID JUN 3 1059 As I am hoping to ID something domestic just before our sunrise 1115 UTC (almost to earliest 1113 in a week), instead I definitely hear in the graveyard jumble the choral strains of the Mexican national anthem, looping roughly south. IRCA Mexican log lists only 6 on 1230, uncertain status for some (vs 13 on 1240 which don't have to protect clear channel 1220). The closest and most likely, especially if on 10 kW day power, is XEIZ *R.Fórmula*, Monterrey, also in the UTC-5 zone where a national anthem would be expected at 6 a.m. CDT. [Hauser-OK]
- 1309.68 **COLOMBIA** HJAK *Voz Patria Celestial*, Barranquilla JUN 6 0835 Spanish woman Bible scripture monologue. Pointing north/south, presumed the one. Fair on occasional slow peak fade-ups. Big het on WYND DeLand, Florida, which I doubt was on night power 115 watts. [Krueger-FL]
- 1310 **MEXICO** unID JUN 7 1103 Choral Mexican national anthem loops between south and southwest; 1105 announcement by super-hype voice actor, probably full ID but just too much interference. From direction, time zone and power, most likely is XETIA Guadalajara (as in tapatía), but lesser stations also in Taxco, Monterrey, and Puebla if not the CP in Querétaro. Then it's overcome by another Spanish from east/west, must be Unitedstatesian, i.e. KZIP. [Hauser-OK]
- 1410 **MEXICO** XEBS *Bandolera* 1410, México, DF MAY 31 1026 "Bandolera 1410" singing jingle, then slogan and calls, Mexi-tunes. Very good. [Krueger-FL]
- 2940 **COLOMBIA** HJNT *R.Huellas*, Cali MAY 19 0605 As previously ID'ed, carrier obviously there despite high storm noise level here. I am surprised that there have been so few reports of this second harmonic, in fact the only active Colombian (almost) short wave station. Where are the DX'ers elsewhere in North America, let alone Latin America? Maybe just as well, as attempts to QSL it might lead to its demise. [Hauser-OK]

CONTRIBUTORS

- Mark Connelly WA1ION, South Yarmouth MA; Elad FDM-S2, cardioid pattern SuperLoop 9m vertical by 20m horizontal (peak 84°, null 264°), {A} indicates audio can be accessed at www.qsl.net/wa1ion/doc1/audio_2019.htm.
- Bruce Conti WPC1CAT, Nashua NH; WiNRADiO Excalibur, variable termination Super/Ewe antennas 15 x 23-m at 60° northeast and 180° south.
- Glenn Hauser, Enid OK; NRD-545 with ALA-330S or north/south not very long wire, DX-398 or PL-880 with internal antenna only, sometimes IC-R75 with ~100-ft east/west long wire.
- Terry L. Krueger, Clearwater FL; IC-R75, NRD-535, ICF-SW7600GR, long wires, active loop.

INTERNATIONAL NEWS

MEXICO: At midnight Sunday night June 2, 990 XECL and 1050 XED were scheduled to cease operations after 81 and 72 years of broadcasting respectively. The reason for the closure of the two Radiorama (Pergom) Mexicali AM stations is unclear. XECL and XED were the third and fourth stations on the air in Mexicali, going on the air in 1938 and 1947. They were not historically together (XECL was with XEZF and XED with XESU and XEHG), but a Radiorama cluster split essentially traded XECL for XEHG. This RR cluster's other AM station is 790 XESU, one half of a Combo of '94.

Radiorama chose to renew both XESU and XHSU-FM when the concession came up for renewal in 2016. [Raymie Humbert, WTFDA Forum via DXLD]

73 and Good DX!

GRAVEYARD DX UPDATE

Tim Hall, 1244 Crystal Springs Dr., Chula Vista CA 91915-2123 TimHall1@gmail.com

<u>1240 kHz</u>										
Station	State	City	DXer		DX Lo	cation				Miles
KCVL	WA	Colville	Tim Hall		US 6/5	60 at N	V/UT	Border	r, UT	681
			<u>1490 kHz</u>							
Station	State	e City	DXer		DX Lo	cation				Miles
WDAN	IL	Danville	George Santulli		Cranfo	ord, NJ	ſ			701
KBUR	IA	Burlington	George Santulli		Cranfo	ord, NJ	ſ			880
WABJ	MI	Adrian	George Santulli		Cranfo	ord, NJ	ſ			511
WOPI	TN	Bristol	George Santulli		Cranfo	ord, NJ	ſ			507
<u>DXer</u>		DX Location		<u>1230</u>	<u>1240</u>	<u>1340</u>	<u>1400</u>	<u>1450</u>	<u>1490</u>	<u>Total</u>
Tim Hal	1	US 6/50 at NV/	/UT Border, UT	37	34	33	42	33	37	216
Rick Da	u	Davenport, IA		1	7	8	9	12	9	46

GRAVEYARD DX ACHIEVEMENTS

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

TimHall1@gmail.com



1450 kHz Logged from January 1, 1960 to Present Updated as of June 14, 2019



Station Stat	e City	DXer	DX Location	Miles
WDNG AL	Anniston	Carl Dabelstein	Overland Park, KS	615
WYAM AL	Bessemer	Steve Francis	Alcoa, TN	233
WDLK AL	Dadeville	Jim Renfrew	Rochester, NY	837
WDIG AL	Dothan	Don Trelford (SK)	Runaway Bay, Jamaica	1019
WDIG AL	Dothan	Gary Siegel	Toledo, OH	729
WFIX AL	Huntsville	Carl Dabelstein	Lincoln, NE	686
WFIX AL	Huntsville	Jeff Falconer	Clinton, ON	672
WLAY AL	Muscle Shoals	Wayne Heinen	Orchard Park, NY	733
KAWT AZ	Douglas	Phil Bytheway	Seattle, WA	1311
KNOT AZ	Prescott	Tim Hall	Solvang, CA	439
KVSL AZ	Show Low	Carl Dabelstein	Lincoln, NE	861
KOPO AZ	Tucson	Mike Hardester	Modesto, CA	674
KENA AR	Mena	Wayne Heinen	Aurora, CO	678
KAVA CA	Burney	Nancy Johnson	Aberdeen, WA	436
KFSD CA	Escondido	Tim Hall	The Sea Ranch, CA	526
KQTE CA	Helendale	Tim Hall	West Glacier, MT	965
KGAM CA	Palm Springs	Tim Hall	Carmel-by-the Sea, CA	359
KTIP CA	Porterville	Frank Merrill	Nenana, AK	2319
KTIP CA	Porterville	Tim Hall	West Glacier, MT	893
KEST CA	San Francisco	Carl Dabelstein	Tucson, AZ	750
KSOL CA	San Francisco	Dave Whatmough	Hamilton, ON	2244
KVML CA	Sonora	Tim Hall	West Glacier, MT	791
KVEN CA	Ventura	Richard E. Wood (SK)	Hilo, HI	2411
KVEN CA	Ventura	Phil Bytheway	Seattle, WA	937
KOBO CA	Yuba City	Richard E. Wood (SK)	Hilo, HI	2404

KOBO CA	Yuba City	Tim Hall	Chula Vista, CA	517
KGIW CO	Alamosa	Frank Merrill	Milan, MI	1222
KDMN CO	Buena Vista	Tim Hall	Green River, WY	211
KAVP CO	Colona	Tim Hall	US 6/50 at NV/UT Border, UT	338
KDRW CO	Silverton	Niel Wolfish	Winnipeg, MB	959
WCUM CT	Bridgeport	Barry McLarnon	Ottawa, ON	315
WNAB CT	Bridgeport	Frank Wheeler (SK)	Erie, PA	423
WILM DE	Wilmington	Don Trelford (SK)	Runaway Bay, JMC	1477
WILM DE	Wilmington	Steve Francis	Alcoa, TN	535
WILM DE	Wilmington	Jeff Falconer	Clinton, ON	410
WOL DC	Washington	Barry McLarnon	Ottawa, ON	451
	e			
WOL DC	Washington	Steve Francis	Alcoa, TN	440
WMFJ FL	Daytona Beach	Andy Rugg (SK)	Montreal, QC	1196
WMFJ FL	Daytona Beach	Marc DeLorenzo	Hyannis, MA	1050
WOCN FL	Miami	Joe Kureth (SK)	Southern Pines, NC	648
WBSR FL	Pensacola	Don Trelford (SK)	Runaway Bay, JMC	1040
WBSR FL	Pensacola	Carl Dabelstein	Lincoln, NE	891
WSPB FL	Sarasota	Dave Whatmough	Hamilton, ON	1111
WSPB FL	Sarasota	Steve Francis	Alcoa, TN	590
WSTU FL	Stuart	Don Trelford (SK)	Runaway Bay, Jamaica	1079
WTAL FL	Tallahassee	Charles Reh	Leamington, ON	808
WTAL FL	Tallahassee	Steve Francis	Alcoa, TN	370
WGPC GA	Albany	Don Trelford (SK)	Runaway Bay, JMC	1007
WBHF GA	Cartersville	Russ Johnson	Lexington, NC	282
WCON GA	Cornelia	Carl Dabelstein	Lincoln, NE	840
WKEU GA	Griffin	Neil Kazaross	Barrington, IL	657
WMVG GA	Milledgeville	Don Trelford (SK)	Runaway Bay, JMC	1079
WMVG GA	Milledgeville	Jeff Falconer	Clinton, ON	735
WMVG GA	Milledgeville	-	Toledo, OH	594
		Gary Siegel Russ Edmunds		711
WQQT GA	Savannah		Parsippany, NJ	
WVLD GA	Valdosta	John Wilkins	West Des Moines, IA	946
KBFI ID	Bonners Ferry	Shawn Axelrod	Winnipeg, MB	867
KBFI ID	Bonners Ferry	Tim Hall	Lake MacDonald, MT	139
KVSI ID	Montpelier	Tim Hall	Burney, CA	543
KWEI ID	Notus	Ron Schiller (SK)	Coeur d'Alene, ID	264
KIOV ID	Payette	Barry McLarnon	Ottawa, ON	2001
KIOV ID	Payette	John Wilkins	Wheat Ridge, CO	675
KEZJ ID	Twin Falls	Shawn Axelrod	Winnipeg, MB	962
KEZJ ID	Twin Falls	Tim Hall	West Glacier, MT	411
WCEV IL	Cicero	Shawn Axelrod	Winnipeg, MB	708
WVON IL	Cicero	Shawn Axelrod	Winnipeg, MB	718
WVON IL	Cicero	Steve Francis	Alcoa, TŇ	464
WKEI IL	Kewanee	Barry McLarnon	Ottawa, ON	766
WKEI IL	Kewanee	Carl Dabelstein	Lincoln, NE	352
WCVS IL	Springfield	Russ Edmunds	Parsippany, NJ	818
WFMB IL	Springfield	Barry McLarnon	Ottawa, ON	804
WAFX IN	Fort Wayne	Niel Wolfish	Winnipeg, MB	833
WLYV IN	Fort Wayne	Shawn Axelrod	Winnipeg, MB	833
WLYV IN	Fort Wayne	Neil Kazaross	Barrington, IL	173
WQKC IN	Jeffersonville	Russ Edmunds	Blue Bell, PA	577
WQRC IN WXVW IN	Jeffersonville	Niel Wolfish		968
WASK IN	•	Niel Wolfish	Winnipeg, MB	
	Lafayette		Winnipeg, MB	814
WASK IN	Lafayette	George Santulli	Cranford, NJ	658
WAOV IN	Vincennes Coder Devide	Bill Dvorak	Madison, WI	318
KCDR IA	Cedar Rapids	John Wilkins	Wheat Ridge, CO	715
KWBW KS	Hutchinson	Tim Hall	US 6/50 at NV/UT Border, UT	870
KWBW KS	Hutchinson	Shawn Axelrod	Winnipeg, MB	803
WTCO KY	Campbellsville	Russ Edmunds	Little Silver, NJ	652
WWXL KY	Manchester	Jeff Falconer	Clinton, ON	462
WWXL KY	Manchester	Kraig Krist	Manassas, VA	361
WPAD KY	Paducah	Shawn Axelrod	Winnipeg, MB	968
WPAD KY	Paducah	Russ Edmunds	Parsippany, NJ	805

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WLKS KY	West Liberty	Jeff Falconer	Clinton, ON	404
WLKS KY	West Liberty	Gary Siegel	Toledo, OH	259
KSIG LA	Crowley	Ron Schiller (SK)	Lighthouse Point, FL	794
KNOC LA	Natchitoches	Frank Merrill	Milan, MI	883
WNPS LA	New Orleans	Charles Reh	Leamington, ON	935
WWIW LA	New Orleans	Carl Dabelstein	Lincoln, NE	835
WRKD ME	Rockland	Marc DeLorenzo	Hyannis, MA	181
WKTQ ME	South Paris	Russ Edmunds	Blue Bell, PA	368
WKTQ ME	South Paris	Barry McLarnon	Ottawa, ON	270
WTBO MD	Cumberland	Barry McLarnon	Ottawa, ON	423
WTBO MD	Cumberland	Steve Francis	Alcoa, TN	391
WTHU MD	Thurmont	Barry McLarnon	Ottawa, ON	405
WTHU MD	Thurmont	Marc DeLorenzo	Hyannis, MA	399
WNBP MA	Newburyport	Niel Wolfish	Louisbourg, NS	582
WMAS MA	1 0	Barry McLarnon	Ottawa, ON	276
WMAS MA	1 0	Russ Edmunds	Blue Bell, PA	194
WATZ MI	Alpena	MB DXPedition	Valhalla Beach, MB	734
WATZ MI	Alpena	Gary Siegel	Toledo, OH	235
WHTC MI	Holland	Barry McLarnon	Ottawa, ON	542
WHTC MI	Holland	Carl Dabelstein	Omaha, NE	514 500
WMIQ MI WMIO MI	Iron Mountain Iron Mountain	Niel Wolfish Shawn Axelrod	Winnipeg, MB	500 500
WMIQ MI WMIQ MI	Iron Mountain	Neil Kazaross	Winnipeg, MB Barrington II	500 252
WIBM MI	Jackson	Ron Musco	Barrington, IL Windsor, CT	232 580
WIBM MI	Jackson	Barry McLarnon	Ottawa, ON	483
WKLA MI	Ludington	Barry McLarnon	Ottawa, ON	405 532
WKLA MI	Ludington	Gary Siegel	Toledo, OH	215
WNBY MI	Newberry	Russ Edmunds	Parsippany, NJ	679
WNBY MI	Newberry	Barry McLarnon	Ottawa, ON	473
WHLS MI	Port Huron	Steve Francis	Alcoa, TN	503
WHLS MI	Port Huron	Barry McLarnon	Ottawa, ON	369
KATE MN	Albert Lea	Barry McLarnon	Ottawa, ON	874
KATE MN	Albert Lea	John Wilkins	Wheat Ridge, CO	661
KBUN MN	Bemidji	Gary Atkins (SK)	Louisville, KY	805
KBMW MN	Breckenridge	Barry McLarnon	Ottawa, ON	1002
KBMW MN	Breckenridge	John Wilkins	Wheat Ridge, CO	622
WELY MN	5	Joe Kureth (SK)	Uniontown, MD	931
KCLD MN		Don Trelford (SK)	Scarborough, ON	743
KNSI MN		Neil Kazaross	Barrington, IL	380
WROX MS	Clarksdale	Andy Rugg (SK)	Waterloo, ON	820
WROX MS	Clarksdale	Carl Dabelstein	Omaha, NE	569
WCJU MS	Columbia	Joe Kureth (SK)	Uniontown, MD	921
WJXN MS	Jackson	Charles Reh	Leamington, ON	791
WJXN MS	Jackson	Steve Francis	Alcoa, TN	428
WMGP MS	Meridian	Don Trelford (SK)	Scarborough, ON	940 721
WOKK MS WROB MS	Meridian West Point	Carl Dabelstein Steve Francis	Lincoln, NE	731 306
KYLS MO	Fredericktown	Steve Francis	Alcoa, TN Alcoa, TN	300 372
WMBH MO		Niel Wolfish	Winnipeg, MB	903
		Shawn Axelrod	Winnipeg, MB	903
WMBH MO	Joplin	Gary Siegel	Toledo, OH	667
KIRX MO	Kirksville	Niel Wolfish	Winnipeg, MB	692
KIRX MO	Kirksville	Morris Sorensen (SK)	Winnipeg, MB	692
KIRX MO	Kirksville	Shawn Axelrod	Winnipeg, MB	692
KIRX MO	Kirksville	Neil Kazaross	Barrington, IL	268
КОКО МО	Warrensburg	Paul Mount	Teaneck, NJ	1055
КОКО МО	Warrensburg	Jeff Falconer	Clinton, ON	716
KWPM MO	West Plains	Barry McLarnon	Ottawa, ON	1025
KWPM MO	West Plains	Steve Francis	Alcoa, TN	443
KXXL MT	Bozeman	Tim Hall	Fitz Hugh Sound, BC	876
KXXL MT	Bozeman	Forest Osborn	Hooker, OK	794
KUDI MT	Great Falls	Ernie Wesolowski	Omaha, NE	872

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KGRZ MT	Missoula	Tim Hall	US 6/50 at NV/UT Border, UT	540
KRBN MT	Red Lodge	Shawn Axelrod	Winnipeg, MB	644
KRBN MT	Red Lodge	Phil Bytheway	Seattle, WA	644
KSKR MT	Whitefish	Nancy Johnson	Aberdeen, WA	452
KVCK MT	Wolf Point	Morris Sorensen (SK)	Winnipeg, MB	401
KVCK MT	Wolf Point	Shawn Axelrod	Winnipeg, MB	401
KVCK MT	Wolf Point	Niel Wolfish	Winnipeg, MB	401
KWBE NE	Beatrice	John Johnson	Billings, MT	704
KCSR NE	Chadron	Ernie Wesolowski	Omaha, NE	372
KHIT NV	Reno	Tim Hall	West Glacier, MT	680
	Reno	Frank Merrill	-	2086
			Nenana, AK	
WKXL NH	Concord	Jeff Falconer	Clinton, ON	502
WKXL NH	Concord	Russ Edmunds	Blue Bell, PA	285
WENJ NJ	Atlantic City	Jeff Falconer	Clinton, ON	470
WFPG NJ	Atlantic City	Bill Dvorak	Madison, WI	818
WCTC NJ	New Brunswick	Steve Francis	Alcoa, TN	613
WCTC NJ	New Brunswick	Jeff Falconer	Clinton, ON	424
	Albuquerque	Ernie Wesolowski	Omaha, NE	709
KLMX NM	5	Ron Schiller (SK)	Monmouth Beach, NJ	1599
KOBE NM	Las Cruces	Phil Bytheway	Seattle, WA	1336
KSEL NM	Portales	Shawn Axelrod	Winnipeg, MB	1115
KSEL NM	Portales	Tim Hall	US 6/50 at NV/UT Border, UT	682
KWES NM	Ruidoso	Tim Hall	US 6/50 at NV/UT Border, UT	611
WCLI NY	Corning	Barry McLarnon	Ottawa, ON	233
WENI NY	Corning	Russ Edmunds	Blue Bell, PA	164
WWSC NY	Glens Falls	Charles Reh	Leamington, ON	463
WWSC NY	Glens Falls	Tim Hall	Mount Laurel, NJ	243
WHDL NY	Olean	Bruce Conti	Nashua, NH	358
WHDL NY	Olean	Barry McLarnon	Ottawa, ON	264
WKIP NY	Poughkeepsie	Jeff Falconer	Clinton, ON	411
WKIP NY	Poughkeepsie	Kraig Krist	Manassas, VA	281
WKAL NY	Rome	Steve Francis	Alcoa, TN	686
WKAL NY	Rome		-	306
		Jeff Falconer	Clinton, ON	
WATA NC	Boone	Russ Edmunds	Blue Bell, PA	443
WGNC NC	Gastonia	Barry McLarnon	Ottawa, ON	754
WGNC NC	Gastonia	Gary Siegel	Toledo, OH	460
WHVH NC	Henderson	Andy Rugg (SK)	Montreal, QC	678
WIZS NC	Henderson	Gary Siegel	Toledo, OH	461
WHKP NC	Hendersonville	Don Trelford (SK)	Runaway Bay, JMC	1212
WHKP NC	Hendersonville	Barry McLarnon	Ottawa, ON	777
WHKP NC	Hendersonville	Gary Siegel	Toledo, OH	442
WNOS NC	New Bern	Barry McLarnon	Ottawa, ON	713
WNOS NC	New Bern	Russ Edmunds	Blue Bell, PA	363
WCIE NC	Spring Lake	Barry McLarnon	Ottawa, ON	724
WFVS NC	Spring Lake	Gary Siegel	Toledo, OH	513
KZZJ ND	Rugby	Neil Kazaross	Barrington, IL	717
KZZJ ND	Rugby	Tim Hall	Winnipeg, MB	167
WJER OH	Dover	Jeff Falconer	Clinton, ON	215
WJER OH	Dover	Gary Siegel	Toledo, OH	135
WMOH OH	Hamilton	Niel Wolfish	Winnipeg, MB	942
WMOH OH	Hamilton	Shawn Axelrod	Winnipeg, MB	942
WMOH OH	Hamilton	Russ Edmunds	Kinnelon, NJ	547
WLEC OH	Sandusky	Barry McLarnon	Ottawa, ON	440
WLEC OH	Sandusky	Russ Edmunds	Blue Bell, PA	394
KWHW OK	Altus	Shawn Axelrod	Winnipeg, MB	1046
KWHW OK	Altus	Niel Wolfish	Winnipeg, MB	1040
KWHW OK	Altus	Tim Hall	US 6/50 at NV/UT Border, UT	1046 867
KURW OK KGFF OK	Shawnee	Neil Kazaross		666
			Barrington, IL	
	Woodward	Phil Bytheway	Seattle, WA	1401
	Eugene	Tim Hall	Revillagigedo Channel, AK	833 521
	Eugene	Tim Hall	Monterey, CA Manning Bark Bosort BC	521 200
KKXO OR	Eugene	Tim Hall	Manning Park Resort, BC	399

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KFLS OR	Klamath Falls	Tim Hall	Chula Vista CA	711
KLBM OR	La Grande	MB DXPedition	Valhalla Beach, MB	1056
KLBM OR	La Grande	John Wilkins	Wheat Ridge, CO	763
KBPS OR	Portland	Tim Hall	US 6/50 at NV/UT Border, UT	626
WPSE PA	Erie	Barry McLarnon	Ottawa, ON	308
WWGO PA	Erie	Marc Delorenzo	Hyannis, MA	504
WFRA PA	Franklin	Carl Dabelstein	Lincoln, NE	877
WFRA PA	Franklin	Barry McLarnon	Ottawa, ON	341
WDAD PA	Indiana	Andy Rugg (SK)	Pointe Claire, QC	425
WDAD PA	Indiana	Steve Francis	Alcoa, TN	425
WYNY PA	Milford	Barry McLarnon	Ottawa, ON	282
WYNY PA	Milford	Russ Edmunds	Blue Bell, PA	75
WPAM PA	Pottsville	Andy Rugg (SK)	Pointe Claire, QC	348
WPAM PA	Pottsville	Tim Hall	Newton, NJ	79
WMPT PA	South Williamsport	Frank Merrill	Toledo, OH	342
WMPT PA	South Williamsport	Gary Siegel	Toledo, OH	342
WMAJ PA	State College	Steve Francis	Alcoa, TN	481
WMAJ PA	State College	Barry McLarnon	Ottawa, ON	331
WJPA PA	Washington	Barry McLarnon	Ottawa, ON	423
WJPA PA	Washington	Steve Francis	Alcoa, TN	367
WDYZ RI	West Warwick	Russ Edmunds	Jonesport, ME	280 041
WQSN SC WQSN SC	Charleston Charleston	Andy Rugg (SK)	Montreal, QC	941 644
WQSN SC WCRS SC	Greenwood	Gary Siegel Harold Frodge	Toledo, OH Midland, MI	661
WHSC SC	Hartsville	Carl Dabelstein	Lincoln, NE	1012
WHSC SC	Hartsville	Jeff Falconer	Clinton, ON	645
WJYR SC	Myrtle Beach	Barry McLarnon	Ottawa, ON	822
WMYB SC	Myrtle Beach	Marc DeLorenzo	Hyannis, MA	722
KBFS SD	Belle Fourche	Tim Hall	US 6/50 at NV/UT Border, UT	651
KBFS SD	Belle Fourche	Shawn Axelrod	Hecla Island, MB	555
KSQP SD	Pierre	Wayne Heinen	Aurora, CO	399
KSQP SD	Pierre	John Wilkins	Wheat Ridge, CO	399
KYNT SD	Yankton	Tim Hall	Winnipeg, MB	485
KYNT SD	Yankton	John Wilkins	Wheat Ridge, CO	451
WLAR TN	Athens	Ernie Wesolowski	Omaha, NE	741
WMOC TN	Chattanooga	Carl Dabelstein	Omaha, NE	728
WMOC TN	Chattanooga	Ernie Wesolowski	Omaha, NE	728
WMOC TN	Chattanooga	Jeff Falconer	Clinton, ON	625
WDSG TN	Dyersburg	Gary Siegel	Toledo, OH	499
WSMG TN	Greeneville	Carl Dabelstein	Lincoln, NE	814
WSMG TN	Greeneville	Jeff Falconer	Clinton, ON	519
WLAF TN	La Follette	Joe Kureth (SK)	Uniontown, MD	443
WGNS TN WGNS TN	Murfreesboro	Don Trelford (SK)	Scarborough, ON	660 654
WGNS TN KAYC TX	Murfreesboro Beaumont	Carl Dabelstein Ernie Wesolowski	Lincoln, NE Omaha, NE	654 781
KAYC TX	Beaumont	Carl Dabelstein	Omaha, NE	781
KBEN TX	Carrizo Springs	Carl Dabelstein	Lincoln, NE	865
KCTI TX	Gonzales	Tim Hall	4.5 mi NW of Fort Davis, TX	397
KMBL TX	Junction	Ernie Wesolowski	Omaha, NE	770
KNET TX	Palestine	Carl Dabelstein	Lincoln, NE	627
KSNY TX	Snyder	Ernie Wesolowski	Omaha, NE	671
KSNY TX	Snyder	Carl Dabelstein	Omaha, NE	671
KCNY UT	Moab	Carl Dabelstein	Omaha, NE	735
KURA UT	Moab	Ernie Wesolowski	Omaha, NE	735
KEYY UT	Provo	Shawn Axelrod	Winnipeg, MB	962
KEYY UT	Provo	Tim Hall	Mammoth Lakes, CA	431
KDXU UT	St. George	Carl Dabelstein	Omaha, NE	977
KDXU UT	St. George	Ernie Wesolowski	Omaha, NE	977
KZNU UT	St. George	Tim Hall	West Glacier, MT	791
WSNO VT	Barre	Jeff Falconer	Clinton, ON	451
WSNO VT	Barre	Russ Edmunds	Blue Bell, PA	314
WTSA VT	Brattleboro	Jeff Falconer	Clinton, ON	455

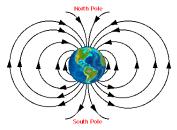
					19
WTSA	VT	Brattleboro	Russ Edmunds	Blue Bell, PA	235
WBVA	VA	Bayside	Russ Edmunds	Blue Bell, PA	232
WVAX	VA	Charlottesville	Barry McLarnon	Ottawa, ON	525
WVAX		Charlottesville	Russ Edmunds	Blue Bell, PA	228
WFTR	VA	Front Royal	Ernie Wesolowski	Omaha, NE	961
		5			
WFTR	VA	Front Royal	Barry McLarnon	Ottawa, ON	463
WENZ	VA	Highland Springs	Gary Siegel	Toledo, OH	436
WREL	VA	Lexington	Barry McLarnon	Ottawa, ON	558
WREL	VA	Lexington	Wayne Heinen	Orchard Park, NY	347
WLPM	VA	Suffolk	Gary Siegel	Toledo, OH	506
KBKW	WA	Aberdeen	Richard E. Wood (SK)	Hilo, HI	2584
KBKW	WA	Aberdeen	Tim Hall	Jasper, AB	481
KCLX	WA	Colfax	Tim Hall	US 6/50 at NV/UT Border, UT	567
KONP			Shawn Axelrod		1017
		Port Angeles		Swan River, MB	
KONP	WA	Port Angeles	Tim Hall	Lynn Canal, AK	868
KAYE	WA	Puyallup	John Johnson	Sheridan, WY	753
KSUH	WA	Puyallup	Tim Hall	Jasper, AB	436
WBOY	WV	Clarksburg	Gary Siegel	Toledo, OH	237
WBOY	WV	Clarksburg	Charles Reh	Leamington, ON	233
WLUX	WV	Dunbar	Russ Edmunds	Blue Bell, PA	372
WWBB	WV	Madison	Gary Siegel	Toledo, OH	266
WZAC		Madison		Ottawa, ON	593
			Barry McLarnon	-	
WHNK		Parkersburg	Barry McLarnon	Ottawa, ON	512
WPAR	WV	Parkersburg	George Santulli	Cranford, NJ	392
KFIZ	WI	Fond du Lac	Morris Sorensen (SK)	Leaf Rapids, MB	1055
KFIZ	WI	Fond du Lac	John Wilkins	Wheat Ridge, CO	899
WHRY	WI	Hurley	Barry McLarnon	Ottawa, ON	694
WHRY	WI	Hurley	Neil Kazaross	Barrington, IL	307
WDLB	WI	Marshfield	Russ Edmunds	Blue Bell, PA	821
WDLB	WI	Marshfield	Barry McLarnon	Ottawa, ON	702
WPEP	WI	Park Falls	Ernie Wesolowski	Omaha, NE	431
WRCO	WI	Richland Center	John Johnson	Sheridan, WY	829
WRCO	WI	Richland Center	Jeff Falconer	Clinton, ON	444
KBBS	WY	Buffalo	John J. Rieger	L'Anse, MI	900
KBBS	WY	Buffalo	Morris Sorensen (SK)	Winnipeg, MB	590
KJCV	WY	Jackson	Tim Hall	US 6/50 at NV/UT Border, UT	348
KVOW	WY	Riverton	Tim Hall	US 6/50 at NV/UT Border, UT	404
CBWI	AB	Grande Cache	Tim Hall	Jasper, AB	82
CKYR	AB	Jasper	Shawn Axelrod	Winnipeg, MB	928
CBKS	BC	Cache Creek	Tim Hall	Ellensburg, WA	267
				6	
CHET	BC	Chetwynd	Frank Merrill	Nenana, AK	1110
CBKA	BC	Stewart	Tim Hall	Ketchikan, AK	193
CHOR	BC	Summerland	Tim Hall	Jasper, AB	236
CKSP	BC	Summerland	Nancy Johnson	Aberdeen, WA	263
CFAB	NS	Windsor	Russ Edmunds	Jonesport, ME	174
CFJR	ON	Brockville	Gary Siegel	Toledo, OH	441
CFJR	ON	Brockville	Charles Reh	Leamington, ON	386
CHUC	ON	Cobourg	MB DXPedition	Valhalla Beach, MB	987
CHUC	ON	Cobourg	Steve Francis	Alcoa, TN	642
		0	Niel Wolfish	-	
CKDR4		Ear Falls		Winnipeg, MB	186
CBGA4		Causapscal	Barry McLarnon	Ottawa, ON	454
CHEF	QC	Granby	MB DXPedition	Arnes, MB	1175
CHEF	QC	Granby	Gary Siegel	Toledo, OH	600
CHOU	QC	Montreal	Neil Kazaross	Grafton, WI	717
CHOU	QC	Montreal	Niel Wolfish	Howe Bay, PE	541
CBMA	ÕС	Noranda	Morris Sorensen (SK)	Kirkland Lake, ON	78
CHRT	QC	StEleuthere	Joe Kureth (SK)	Uniontown, MD	665
XEYZ		Aguascalientes, AG	Tim Hall	20 mi W of Puerto Vallarta, Jal	227
XESS		Ensenada, BCN		-	2524
		,	Richard E. Wood (SK)	Hilo, HI MM 210 op L 10 TY	
XEBP		Gomez Palacio, DU	Tim Hall	MM 210 on I-10, TX	377
XECU		Los Mochis, SIN	Richard E. Wood (SK)	Hilo, HI	2954
XECU	MEX	Los Mochis, SIN	Tim Hall	Chatham Sound, BC	2267

XECU	MEX Los Mochis, SIN	Tim Hall	Chula Vista, CA	681
XEDJ	MEX Magdalena, SON	Neil Kazaross	Poway, CA	393
XEPY	MEX Merida, YC	Don Trelford (SK)	Runaway Bay, JMC	823
XEJM	MEX Monterrey, NL	Tim Hall	Houston, TX	414
XENA	MEX Queretaro, QTR	Richard E. Wood (SK)	Hilo, HI	3528
XENA	MEX Queretaro, QTR	Tim Hall	4.5 mi NW of Fort Davis, TX	728
XECB	MEX San Luis Rio Colorado,	, SON	John Wilkins Wheat Ridg	ge <i>,</i> CO
XERDO	MEX Valle Hermoso, TAM	Tim Hall	4.5 mi NW of Fort Davis, TX	503
CMJF	CUB Cd Amancio R	Shawn Axelrod	Orleans, ON	1714
HJNL	CLM Manizales	NF DXPedition Team #2	2 Cappahayden, NF	3185
YVKJ	VEN Catia la Mar	NF DXPedition Team #2	2 Cappahayden, NF	2644
BED48	TWNKaohsiung	Pete Taylor	Hong Kong	391

MB DXPedition & = Shawn Axelrod, Wayne McRae

NF DXPedition #2 = Jean Burnell, Mark Connelly, Bruce Conti, and Neil Kazaross

I'll update the GYDXA web pages over the summer. 73 Tim



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Geomagnetic Indices

Geomagnetic Summary May 2019 Via Phil Bytheway – Tabulated from online status daily (K = 0000 UTC).

Date	Flux	A K	S	pace Weather	16	74	8	3	no storms
5/1	68	10	4	no storms	17	72	5	1	no storms
2	69	12	2	no storms	18	71	5	0	no storms
3	70	7	3	no storms	19	68	3	2	no storms
4	72	10	2	no storms	20	69	6	1	no storms
5	74	4	1	no storms	21	68	4	1	no storms
6	76	5	2	no storms	22	67	4	1	no storms
7	79	5	1	no storms	23	67	5	2	no storms
8	75	2	1	no storms	24	66	5	2	no storms
9	76	7	2	no storms	25	67	4	2	no storms
10	76	7	3	no storms	26	68	5	3	no storms
11	78	25	4	minor, G1	27	68	10	1	no storms
12	76	4	2	no storms	28	68	8	3	no storms
13	75	6	2	no storms	29	68	14	3	no storms
14	74	36	2	strong, G3	30	69	8	2	no storms
15	74	6	1	no storms	5/31	69	5	1	no storms
Sy – Solar Radiation Storm Level / Gy – Geomagnetic Storm Level / Ry – Radio Blackouts Level									

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

Anreported Domestic Stations

One station – WAWO-1400 – was reported to DDXD this issue for the first time since at least Volume 67 (1999-2000). However, one previously deleted station that had its FCC license reinstated – WNPZ-1580 – has not been reported in that time, so we'll add them back to the ilst, and it will hold at 351 stations unreported to DDXD during this time. The full unreported list was last printed in issue 85-19. Can you hear and report one next time, and get us down below 350?



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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 116.

Here are some real Canadian DXers on a DXpedition:

If you think this is bad, just wait for winter to set in ... LOL!

Bits and Bites from the NRC listserv

From: Bill Whitacre, Alexandria, VA

Re: DXPedition to Fleeton, VA

About 10 days ago I was on Virginia's "northern neck," near Fleeton, VA, on the Chesapeake Bay with a 160' DKAZ aimed at 130 deg. The following webpage captures what I've been able to review of Perseus wav files so far: <u>http://realmonitor.com/am_logs_we9.php</u>.

Highlights were Ecuador-1510, Paraguay-920 and Guatemala-1570. The lame-looking log of South Africa on 828 kHz is backed up by a web stream // log at 2345utc on April 13 with both my radio and the web stream playing the Police's "Every Step You Take." Unfortunately, I was not recording at the time.

From: Carl Dabelstein via Wayne Heinen

Re: AM Radio

This is one of the best articles I have seen on why AM radio is a vital part of our lives: "The Lo-Fi Voices That Speak for America." <u>https://www.politico.com/interactives/2019/magazine-am-radio-still-matters/</u> (The article has profiles of WOLB-1010, KTNN-660, KRVN-880, KYYS-1250, WGIR-610, and KJEF-1290.)

From: Gary DeBock, Pullyaup WA

Re: XHDATA Facebook Page Promotes "Supercharged" D-808 Model

In one of the more bizarre episodes in radio modification history, a radio manufacturer has not only approved of a modification which tears out a stock loopstick and replaces it with a more effective 7.5 inch transplant, but has commended it, posting a link for the entire procedure on its Facebook page (along with 10 Rockwork cliff MP3 links from last summer's DX'pedition, using the modified D-808). Somehow I don't think that C.Crane or other manufacturers would be so approving of a DX'ing fanatic tearing out a stock loopstick, and totally violating the manufacturer's warranty by replacing it with something much more sensitive.

You can find the article on XHDATA's Facebook page by clicking <u>here</u>: the post is dated May 7, 2019 so you will need to scroll down the page back to that date.

In the same post XHDATA also makes note of a new warranty policy on the D-808, offering to pay return postage to China for defective models received within the 30 day warranty period. Apparently they have been reading the "Supercharging" article, which warns builders that although the model has no meaningful warranty, the quality control record has generally been good. On the other hand, the article also says that the lack of any meaningful warranty to violate was one of the reasons why a DX'er should seriously consider performing the transplant :-)

<u>May Day Bandscan</u>

Bruce Conti, Nashua NH, WiNRADiO Excalibur, 50 x 75-ft Super/Ewe antenna south. On May 1, 2019, at 1600 EDT: 110 radio stations from 8 states.

- 540 WBWD NY Islip Fair; Bollywood music, "You're listening to Bolly 540 AM WBWD Islip, New York."
- 550 WSJW RI Pawtucket Over WDEV Red Sox baseball; "Always loud and clear on your smart speaker, details at Relevant Radio dot com slash smart, talk radio for Catholic life, WSJW Pawtucket-Providence, Relevant Radio 550 AM," and Relevant Radio News.
- 560 WHYN MA Springfield Over WGAN; "NewsRadio 560 is Springfield's news, traffic, and weather station, WHYN and WHYN-FM HD2 Springfield," and Fox news.
- 570 WMCA NY New York Fair; Christian teaching.



- 22
- 580 WTAG MA Worcester Good; "NewsRadio 580 and 94.9 FM, WTAG and WTAG HD Worcester, an iHeart radio station."
- 590 WEZE MA Boston Good; "Faith, family, friendship, Boston's AM 590 WEZE, The Word."
- 600 WICC CT Bridgeport Poor; Boston Red Sox baseball.
- 610 WGIR NH Manchester Excellent; "WGIR AM Manchester, it's 4 o'clock, it's time now for Fox News on NewsRadio 610."
- 620 WVMT VT Burlington Poor; "AM 620 WVMT Burlington, W242BK Colchester, News/Talk 620 WVMT."
- 630 WPRO RI Providence Good; "WEAN FM Wakefield-Peacedale, from the New England Truck Solution studio, this is the station you count on for news, traffic, weather, and 4K a Day, News/Talk 99-7 FM and AM 630 WPRO Providence, a Cumulus station."
- 640 WNNZ MA Westfield Fair; "This is the NEPR News Network, WNNZ AM 640 Westfield, WNNZ-FM 91-7 Deerfield, WFCR 88-5 HD3 Amherst, WNNU 89-5 Great Barrington, WNNI 98-9 Adams, WAIC 91-9 Springfield, and WAMH 89-3 Amherst, in partnership with Amherst College and UMass Amherst."
- 650 WSRO MA Ashland Good; "We are FM 102.1 W271CU Framingham and AM 650 WSRO Ashland, a Langer Broadcasting Group," Portuguese.
- 660 WFAN NY New York Fair; Yankees baseball, "Following the Yankees, Islanders-Hurricanes game three of their NHL Conference semi, this is WFAN, WFAN-FM New York."
- 680 WRKO MA Boston Excellent; "The voice of Boston is you, 680 WRKO Boston, 100.7 WZLX HD2 Boston, an iHeart radio station."
- 690 WADS CT Ansonia Poor; Spanish contemporary Christian music.
- 700 WPVQ MA Orange-Athol Poor; classic country.
- 710 WOR NY New York Good; "WOR and WAXQ HD2 New York, all new, all local, all sides, catch WOR Tonight with Joe Concha an Lis Wiehl, 6 'til 9 weeknights on 710 WOR, an iHeart radio station."
- 720 WRVB MA Boston Poor; Radio Verite.
- 730 WACE MA Chicopee Fair; "AM 730 WACE Chicopee-Springfield-Hartford," contemporary Christian music.
- 740 WJIB MA Cambridge Poor, over WNYH Spanish; nostalgia/easy listening.
- 760 WVNE MA Leicester Excellent; "760 AM WVNE Leicester, and W293BN Leicester 101.5 FM," and SRN news.
- 770 WABC NY New York Fair; "77 WABC New York, a Cumulus station, news now."
- 780 WTME ME Rumford Poor; "Sports Time 780 WTME Rumford," SB Nation Radio.
- 790 WPRV RI Providence Good; "You're listening to Yankees baseball on 790 WPRV Providence's home of Chris Plante, Mark Levin, and the 790 Morning Blend, a Cumulus station."
- 800 WNNW MA Lawrence Good; long ad string in Spanish.
- 810 WGY NY Schenectady Fair; "WGY AM Schenectady, WGY-FM Albany, an iHeart radio station, 4 o'clock at NewsRadio 810 and 103-1 WGY."
- 820 WNYC NY New York Fair; "This is WNYC-FM HD and AM New York," and All Things Considered.
- 830 WCRN MA Worcester Good; "This is Full Service Radio, AM 830 WCRN Worcester-Metro West."
- 840 WRYM CT New Britain Poor; Spanish tropical music.
- 850 WEEI MA Boston Excellent; "First and Last with Mike Golic Jr., early mornings from 4 to 6 a.m., this is AM 850 WEEI Boston, ESPN on WEEI."
- 860 WSBS MA Great Barrington Poor; Boston Red Sox baseball.
- 870 WLVP ME Gorham Poor; nostalgia/easy listening.
- 880 WCBS NY New York Fair; "More than just the headlines, this is WCBS NewsRadio 880."
- 890 WAMG MA Dedham Poor in WGHM splatter; "WAMG Dedham-Boston, WLLH Lowell-Lawrence, WORC Worcester, de Boston a Worcester, de Worcester a Lawrence, esta es la más grande de Nueva Inglaterra, la Mega," Spanish tropical music.
- 900 WGHM NH Nashua Excellent; "1250 WGAM Manchester, 900 WGHM Nashua," with jingle, "Another of hour of music pow, pow, power," oldies.
- 920 WHJJ RI Providence Good; "Rhode Island's news, traffic and weather station, News Radio 920 and 104-7 FM WHJJ Providence, an iHeart radio station."
- 930 WPKX NH Rochester Fair; "WPKX Rochester, online at Fox Sports 930 dot com, your phone with the iHeart radio app, and on hundreds of devices, Alexa, Google Home, X-Box, and Sonos, an iHeart radio station, Fox Sports 930."

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