

DX News

Serving DXers since 1933



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From the Publisher: We hope our Texas members made it safely through Hurricane Harvey, and at press time we are thinking of our Florida members as Hurricane Irma approaches.

Was the eclipse just three weeks ago? Seems like so much has happened since then. But we have lots of eclipse DXing reports scattered through the various columns this issue. Hopefully, as folks pore through their SDR recordings, we'll have more eclipse DX coming soon.

Rick Dau has stepped down as College Sports Networks editor. Thanks to Rick for getting many of these network listings to us the last few years. If you'd like to try your hand, it's not too difficult – you just Google to find network lists, then check them against the latest AM and FM station logs to verify accuracy (some lists are worse than others, but we have some tricks we can show you). Contact me at NRCDXNews@gmail.com for more info.

We're back to posting Interim AM Switch in a timely fashion on e-DXN.com every Friday night or Saturday morning on weekends *DX News* is not published.

This does it for Volume 84 – we'll be back in two weeks going strong into Volume 85! Let's get the first issues off to a good start as the weather cools down and the DX starts to heat up!

AM Radio Log 38th Edition Now Available:

The National Radio Club is proud to announce the publication of the 38th edition of the *AM Radio Log*. The *AM Radio Log* is a source for information on AM Radio Stations in the United States and Canada. The 38th edition of the Log contains more than 300 pages of data and cross references and 12 pages of instructions in 8-1/2" x 11" size, 3-hole punched, U.S. loose leaf format. This publication fits nicely into a 1" three-ring binder. 9,000+ updates since last year's 37th Edition of the log! Cross references include by State/ Provinces in frequency order. This list is ideal for targeting needed areas. Additional reference lists include call letters of FM simulcasts with the AM Stations listing, listings of regional groups of stations in the groups

section (separate section of the log book) and a cross reference of those stations that are licensed to use IBOC (In Band On Channel) digital audio and a comprehensive list of FM translators that are now simulcasting with AM broadcasters.

Order by snail mail by check or money order in U.S. funds to National Radio Club, P.O. Box 473251, Aurora, CO 80047-3251 or order using your Pay Pal account at <http://www.nrcdxas.org>.

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

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

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

Convention: If you have any interest in considering whether to make a bid to host the convention next year, please contact Ernie Wesolowski at NEErnieW@yahoo.com or 13312 Westwood Lane, Omaha, NE 68144-3543.

Volume 85 DX News Schedule

No	D'dline	Print	No	D'dline	Print
1	Sept. 22	Oct. 2	11	Feb. 9	Feb. 19
2	Oct. 6	Oct. 16	12	Feb. 23	Mar. 5
3	Oct. 20	Oct. 30	13	Mar. 16	Mar. 26
4	Nov. 3	Nov. 13	14	Apr. 6	Apr. 16
5	Nov. 17	Nov. 27	15	Apr. 27	May 7
6	Dec. 1	Dec. 11	16	May 25	June 4
7	Dec. 15	Dec. 25	17	June 22	July 2
8	Dec. 29	Jan. 8	18	July 20	July 30
9	Jan. 12	Jan. 22	19	Aug. 17	Aug. 27
10	Jan. 26	Feb. 5	20	Sept. 7	Sept. 17

Membership Report

New Members: Welcome to Mark Pettifor, Goshen, IN.

Renewing Members: Thanks for the ongoing support of John M. Adams; Roger Anderson; Albert Earnhardt; Russell J. Edmunds; Karl D. Forth; Karl V. Jeter; Russell A. Lay; Tom Mulvaney; James J. Nahirniak; James Niven; John Nowak; Albert V. Prete; Richard M. Ray; David Snellman; Danny Taylor; John Varljen; Matthew Wrensch; and David M. Wurl.

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, amradiolog@nrcdxas.org

Official updates from the FCC and the CRTC

CALL CHANGES

- 1130 WFNF IN **Brazil** – Call change to WAMB (Aug. 22).
- 1290 WLEJ OH **Bellaire** – Call change to WYLY (Sept. 8).
- 1310 WPBC GA **Decatur** – Call change to WJZA (Aug. 23).
- 1330 WITM VA **Marion** – Call change to WSNQ (Aug. 28).
- 1450 WLKW RI **West Warwick** – Call change to WPVD (Sept. 6).
- 1540 WTKM WI **Hartford** – Call change to WPTT (Sept. 1).



STATIONS GOING DARK

- 1340 WMTE MI **Manistee** – License cancelled at licensee's request per Aug. 15 letter to FCC.

CONSTRUCTION PERMITS (CPs) FOR EXISTING STATIONS

CPs fully licensed and on the air:

- 620 WDNC NC **Durham** – CP with U1 1500/41 at new site (35-58-04/78-53-17) is on the air.
- 920 WDMC FL **Melbourne** – CP with U4 8000/4000 at new site (28-07-15/80-43-12) is on the air.
- 1400 WFLL FL **Fort Lauderdale** – CP for new site (26-10-25/80-09-28) is on the air.

CPs built and awaiting final licensing:

- 690 WQNO LA **New Orleans** – Applies for program test authority for CP, U2 9100/2100.
- 1310 KKNS NM **Corrales** – Applies for license to cover CP with U1 5000/82.
- 1350 KRLC ID **Lewiston** – Applies for license to cover CP with U1 5000/158.

Roger Gravelle in Port Stanley ON passes along that CJCS-1240 is now up and running on 107.1 MHz FM; the AM is still on the air but has to sign off three months after the FM simulcast begins.

CPs granted:

- 570 KLIF TX **Dallas** – Granted CP with U4 5000/2400.
- 1090 KEXS MO **Excelsior Springs** – Granted CP with D4 10000 (ch 8000).
- 1280 WJYE ME **Gardiner** – Granted CP with U1 5000/40.
- 1520 WINW OH **Canton** – Granted CP for D1 370 (ch 240) from new site (40-47-21/81-20-34).
- 1560 WAHT SC **Clemson** – Granted CP for D1 15000 (ch 870), CoL to Cowpens SC, moving to 34-57-34/81-48-35, about 70 miles northeast of Clemson.

Applications for CPs received:

- 600 CBAX NB **McAdam** – LPRT applies to move to 95.5 MHz FM.
- 900 CBUM BC **Nakusp** – LPRT applies to move to 91.3 MHz FM.
- 1100 CBSI-5 QC **Natashquan** – LPRT applies to move to 99.9 MHz FM.
- 1330 WHGM MD **Havre de Grace** – Applies for U1 5000/23 from current site.
- 1550 WNZF FL **Bunnell** – Applies for U1 5500/57 from current site.



Application to amend existing CP received:

- 980 WWKY KY **London** – Has CP to move to Winchester KY on 990 kHz with U1 300/17; applies to amend the CP to U1 350/20 from a different site (38-00-50/84-09-16).

SPECIAL TEMPORARY AUTHORITY (STA)

STAs granted:

- 860 WFSI MD **Baltimore** – Granted STA, U4 1500/66. Note that the FCC databases are inconsistent as to whether this station is licensed U4 2500/66 or D3 2500 (and thus whether the STA is U4 1500/66 or D3 1500). The Log has U4, as does the station's actual license available on the FCC web site.
- 920 KYFR IA **Shenandoah** – Granted STA, U3 2500/2500 (night pattern 24 hours); cannot switch between day and night facilities.

950 KPRC TX **Houston** – Granted STA, U1 5000/1250, Harvey-related flooding.
 960 KGKL TX **San Angelo** – Granted STA, U1 250/250, antenna tuning unit failed again.
 1060 KDUS AZ **Tempe** – Granted STA, night pattern at variance.
 1090 KSOU IA **Sioux Center** – Granted STA, pattern at variance, nearby cell tower affecting pattern.
 1240 WULA AL **Eufaula** – Granted STA, U1 150/150, transmitter problems.
 1400 WSEG GA **Savannah** – Granted STA, reduced power (at U1 250/250), transmitter issues.
 1450 WTRO TN **Dyersburg** – Granted STA, U1 500/500, temporary 180' longwire at 36-03-02/89-22-07.
 1460 WPON MI **Walled Lake** – Granted STA, D1 25, temporary 30' mast at 42-32-40/83-33-35.
 1540 WONA VA **Richmond** – Granted STA, D1 700 from WCLM-1450 site.
 1550 WNZF FL **Bunnell** – Granted STA, U1 1000/57, transmitter failure.

Applications for STAs received:

910 WSBA PA **York** – Applies for STA, U1 1250/250, cannot operate directionally.
 1040 WHBO FL **Pinellas Park** – Applies for STA, U1 3500/15 from CP site (WWBA-820 tower).
 1470 KIID CA **Sacramento** – Applies for STA, low power (unspecified).

Extensions to existing STAs granted:

580 WKAQ PR **San Juan** – Granted STA extension, U1 4500/4500.
 630 KIDD CA **Monterey** – Granted STA extension, U1 300/250 from KNRY-1240 tower.
 790 KABC CA **Los Angeles** – Granted STA extension, U2 5000/3500 from CP site.
 WNIS VA **Norfolk** – Granted STA extension, parameters at variance.
 WAYY WI **Eau Claire** – Granted STA extension, U1 5000/123 or night parameters at variance.
 890 KDXU UT **Saint George** – Granted STA extension, minor night parameters at variance.
 910 KECR CA **El Cajon** – Granted STA extension, U4 1250/5000, night pattern 24 hours.
 WLTP OH **Marietta** – Granted STA extension, U4 5000/9, day pattern/site 24 hours.
 920 KDHL MN **Faribault** – Granted STA extension, parameters at variance.
 940 WINE CT **Brookfield** – Granted STA extension, minor parameters at variance.
 WIPR PR **San Juan** – Granted STA extension, U1 2500/2500 from WKAQ-580 tower.
 1010 KXEN MO **Saint Louis** – Granted STA extension, U5 50000/125, temporary vertical wire night antenna at 38-38-09/90-11-45.
 1070 WCSZ SC **Sans Souci** – Granted STA extension, U1 12500/375.
 1080 WUFO NY **Amherst** – Granted STA extension, D1 1000 from WECK-1230 tower.
 1110 KRDC CA **Pasadena** – Granted STA extension, minor parameters at variance.
 1120 KLIM CO **Limon** – Granted STA extension, D1 10 from 10.5-meter temporary antenna at 39-15-56/103-41-57.
 1130 KSDO CA **San Diego** – Granted STA extension, U1 2500/2500 from dropwire antenna at 32-43-51/117-04-59.
 1150 KNMM NM **Albuquerque** – Granted STA extension, D1 1000 from CP site.
 1160 WOBN NJ **Lakewood Township** – Granted STA extension, parameters at variance.
 1170 WQHC AL **Hanceville** – Granted STA extension, D1 10, temporary whip antenna at 34-03-26/86-46-33.
 1310 WADB NJ **Asbury Park** – Granted STA extension, U1 625/250.
 1360 WHNR FL **Cypress Gardens** – Granted STA extension, U1 1250/625.
 WHCG GA **Metter** – Granted STA extension, U1 59/59, temporary 340' longwire at 32-23-56/82-02-36.
 1380 WBEL IL **South Beloit** – Granted STA extension, U1 5000/1250.
 1410 KMYC CA **Marysville** – Granted STA extension, U1 1250/250.
 WPOP CT **Hartford** – Granted STA extension, U1 1250/1250 or parameters at variance.
 WDOV DE **Dover** – Granted STA extension, night parameters at variance.
 1430 WENE NY **Endicott** – Granted STA extension, U1 5000/640 or night parameters at variance.
 1450 KIKR TX **Beaumont** – Granted STA extension, reduced power.
 1480 KYOS CA **Merced** – Granted STA extension, U1 4300/250 from CP site.
 KNTB WA **Lakewood** – Granted STA extension, U1 250/65 from temporary horizontal wire at 47-09-52/122-30-19.
 1490 WSVM NC **Valdese** – Granted STA extension, U1 500/500 from temporary longwire at 35-44-17/81-33-26.
 1570 KVAM CO **Loveland** – Granted STA extension, D1 90 from temporary longwire at CP site.
 1590 KVTA CA **Ventura** – Granted STA extension, U4 5000/200 or night pattern at variance.

Applications to extend existing STAs received:

- 590 WARM PA Scranton – Applies to extend STA, reduced power (about U4 1250/1250).
 710 KXMR ND Bismarck – Applies to extend STA, U7 25000/4000 (ch 13000).
 790 KEJY CA Eureka – Applies to extend STA, U1 500/110 from KWSW-980 tower.
 830 KFLT AZ Tucson – Applies to extend STA, reduced day power.
 950 WTLN FL Orlando – Applies to extend STA, U2 12000/10000, Cuban QRM.
 1060 WLNO LA New Orleans – Applies to extend STA, U1 5000/1250.
 1220 WABF AL Fairhope – Applies to extend STA, D1 250 from WERM-1480 tower.
 WSRQ FL Sarasota – Applies to extend STA, D1 150 from temporary site.
 1280 WJYE ME Gardiner – Applies to extend STA, U1 5000/1250.
 1370 WWCB PA Corry – Applies to extend STA, U1 1000/125.
 1430 KVVN CA Santa Clara – Applies to extend STA, U1 250/625.
 1480 WZRC NY New York – Applies to extend STA, parameters at variance.
 WGFY NC Charlotte – Applies to extend STA, use night pattern 24 hours.
 1540 WKXG MS Greenwood – Applies to extend STA, U1 250/1 from temporary longwire.

SILENT STATIONS

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

- 1230 KYQT OR Burns – Silent Aug. 10, on the air with STA Aug. 23.
 1240 WULA AL Eufaula – Silent Aug. 28 (2016), on the air Aug. 16 with STA (as above).
 WJLX AL Jasper – Silent July 1, on the air with a backup transmitter Aug. 25.
 1280 WCPM KY Cumberland – Silent Aug. 31 (2016), on the air Aug. 28.
 1310 WPBC GA Decatur – Silent Apr. 15, on the air Aug. 20 with U1 1500/31.
 1370 KTPA AR Prescott – Silent Aug. 26 (2016), on the air Aug. 21.
 1390 WFBL NY Syracuse – Silent Sept. 3 (2016), on the air Aug. 3.
 1600 WEJS PA Jersey Shore – Silent Apr. 11, on the air July 16.

Stations informing the FCC that they are silent:

- 740 KTFS TX Texarkana – Silent Aug. 7; tower site has been sold.
 1150 KBPO TX Port Neches – Silent Aug. 30, due to Hurricane Harvey.
 1170 WCXN NC Claremont – Silent Aug. 24, lost programming source.
 1230 KYQT OR Burns – Silent (again) Aug. 10; transmitter malfunction.
 1240 WULA AL Eufaula – Silent (again) Aug. 25, ongoing financial issues.
 1300 WOSW NY Fulton – Silent Aug. 21, new owners want time to prepare relaunch.
 1340 KOLE TX Port Arthur – Silent Aug. 28, Hurricane Harvey-related flooding.
 1440 KTUV AR Little Rock – Silent Aug. 28, Hurricane Harvey-related flooding. Odd, as there hasn't been Harvey-related flooding in Little Rock. Station has same owners as KOLE-1340 and reported KTUV's silence in identical language; maybe a cut-and-paste error? Had been off with transmitter problems before.
 1530 WOBX NC Wanchese – Silent (again) Aug. 18; programming LMA ended early.
 1570 KLEX MO Lexington – Silent Aug. 21; wind damage to antenna skirt.
 1700 WRCR NY Ramapo – Silent Aug. 7; has lost transmitter site and expects to go on with STA (see last issue) in 30-60 days.

COORDINATE CORRECTION

- 1260 WZBO NC Edenton – Applies for CP to correct coordinates to 36-04-46/76-36-00.

NRC AM Log Updates

Here are the first updates to your 38th Edition of the *NRC AM Log*. Reflecting a change in this edition of the *Log*, station groups are now denoted as Grp=<name>. We hope this eliminates any confusion that was caused by using the // symbol both for single parallel stations and groups.

- 540 WFLF FL Pine Hills – Slogan to “News Radio 102.5.”
 KYAH UT Delta – Slogan to “Utah’s Talk Authority.” (JW)
 570 CFCB NL Corner Brook – Format to NWS/TLK:Rock/OLD (ex-NWS/TLK); drop C2C network. (TV)
 580 KIDO ID Nampa – Slogan to “Talk Radio.” (JW)
 KRFE TX Lubbock – Format to TLK (ex-AC); networks to A/WW1/BTR/DR/MRN.
 590 VOXM NL St John’s – Format to NWS/TLK:Rock/OLD (ex-NWS/TLK); drop C2C network. (TV)

600	WSJS	NC	Winston-Salem – Format to SPT; networks to FSR/Nc/MRN; slogan & Grp= WSJS Sports Network.
610	KONA	WA	Kennewick-Richland-Pasco – Slogan to “News Radio.” (JW)
620	CKCM	NL	Grand Falls-Windsor – Format to NWS/TLK:Rock/OLD (ex-NWS/TLK); drop C2C network. (TV)
630	KHOW	CO	Denver – Networks to Fox/P/RER (drops Nn). (WH)
710	KGNC	TX	Amarillo – Format to NWS/TLK/SPT (ex-NWS/TLK); slogan to “News, Talk, Sports 710AM and 97.5FM,” networks to C/Tx/Fox/Ru/DR/ESPN; adds // K248DE-97.5. (FCC)
	CKVO	NL	Clareville – Format to NWS/TLK:Rock/OLD (ex-NWS/TLK); drop C2C network. (TV)
730	WZGV	NC	Cramerton – Slogan to “730 the Game.”
740	WNOP	KY	Newport – Slogan & Grp= Sacred Heart Radio 89.5.
	WJIB	MA	Cambridge – Adds // W267CE-101.3. (FCC)
	CHCM	NL	Marystown – Format to NWS/TLK:Rock/OLD (ex-NWS/TLK); drop C2C network. (TV)
760	WETR	TN	Knoxville – Slogan to “TalkRadio 92.3 & AM 760,” networks to SRN/P/Ing/DR/WW1/CMP.
780	WXME	ME	Monticello – Networks to SRN. (BC)
800	WNNW	MA	Lawrence – Slogan & Grp= Power 800 AM.
810	WCKA	AL	Jacksonville – Grp= Alabama 94.3 97.1 and AM 810; Delete Grp= Classic Country WCKA.
820	KGNW	WA	Burien-Seattle – Slogan to “AM 850 The Word.”
850	WKGE	PA	Johnstown – Adds // W267CM-101.3. (FCC)
870	KJMP	CO	Pierce – Slogan to “The Big 87,” adds // K283CN-104.5; delete Grp= The Big 87.
	CFSX	NL	Stephenville – Format to NWS/TLK:Rock/OLD (ex-NWS/TLK); drop C2C network. (TV)
900	WIAM	NC	Williamston – Adds // W248CS-97.5; delete // WGTI-97.7. (FCC)
910	WPFB	OH	Middletown – Slogan & Grp = Sacred Heart Radio 89.5.
960	WDNO	PR	Quebradillas – Slogan to “Cima Norte 97.9.”
970	WESO	MA	Southbridge – Slogan to “Emmanuel Radio Truth for Life.”
	WWRK	SC	Florence – Format to UC:HipHop (ex-UC:AC/Rap); Grp= 105.5 The Beat; delete Grp= Swagga 94.1 97.9 105.9
990	WITZ	IN	Jasper – Slogan to “Juan FM Tocando Lo Que Le Gusta,” drops nets; adds // W256DA-99.1; drops // WITZ-FM-104.7.
1000	WCCD	OH	Parma – Slogan to “Radio 1000 The Praisiest Station in the Nation.”
1010	KIND	KS	Independence – Format to SPT (ex-OLD); slogan “1010 The Fan,” nets to FSR.
1020	WIBG	NJ	Ocean City-Somers Point – Slogan to “Mega 101.3.”
1050	WFSC	NC	Franklin – Slogan & Grp= The Smokies Classic Hits.
1060	KXPL	TX	El Paso – Slogan to “Latino 1060.” (JW)
1080	WHIM	FL	Coral Gables – Adds // W298AM-97.7. (FCC)
1100	KNZZ	CO	Grand Junction – Adds //K224FE-92.7. (FCC)
1110	KRDC	CA	Pasadena – Delete // K256CX-99.1 (license rescinded). (FCC)
	WTIS	FL	Tampa – Format to AC (ex-REL). (TK)
	WPMZ	RI	East Providence – Adds // W271CR-102.1. (FCC)
1130	WAMB	IN	Brazil – Format to NOS (ex-SPT); slogan to “Timeless Classics,” nets to WW1.
1150	WTMP	FL	Egypt Lake – Slogan to “Classic HipHop,” adds // W248CA-97.5.
	KHRO	TX	El Paso – Networks to EWTN.
1180	WLDS	IL	Jacksonville – Format to TLK (ex-AC/TLK); slogan to “Your News Source for West Central Illinois,” adds // WEAI-107.1.
1200	WSML	NC	Graham – Networks to FSR/Nc/MRN; Slogan & Grp= WSJS Sports Network; delete Grp= Triad Sports Network.
1210	KHAT	WY	Laramie – Slogan & Grp= New Country 96.7.
1220	WOTS	FL	Kissimmee – Slogan to “La Fantastica.”
1230	WNEB	MA	Worcester – Slogan to “Emmanuel Radio Truth for Life.”
	WMFR	NC	High Point – Networks to FSR/Nc/MRN; slogan & Grp= WSJS Sports Network; delete Grp= Triad Sports Network.
	KYQT	OR	Burns – Slogan to “The Coyote.”
	CFGN	NL	Channel-Port aux Basques – Format to NWS/TLK:Rock/OLD (ex-NWS/TLK); drop C2C network. (TV)
1240	WIAN	MI	Ishpeming – Reported silent. (JJR)
	WPBQ	MS	Flowood – Format to UC:AC/GOS (ex-TLK); delete networks.

	WGRM	MS	Greenwood – Format to CHR (ex-UC:GOS); slogan to “Hot 1240,” delete // WGRM-FM-93.9.
	WSKI	VT	Montpelier – Adds // W227DF-93.3. (BC)
	CKIM	NL	Baie Verte – Format to NWS/TLK:Rock/OLD (ex-NWS/TLK); drop C2C network. (TV)
	CJCS	ON	Stratford – Slogan to // “107.1 Juice FM.” (CR)
1260	KDLF	IA	Boone – Adds // K243CO-96.5.
1270	KVGH	CA	Thousand Palms – Slogan to “Valley 106.5”; adds // K293CL-106.5; delete // KLXB-105.1.
	WQTT	OH	Marysville – Slogan to “True Oldies 96.7 & 1270”; adds // W283AJ-96.7.
	KAJO	OR	Grants Pass – Networks to SRN/Ru.
1300	WLXG	KY	Lexington – Adds // W223CV-92.5. (FCC)
	WCLG	WV	Morgantown – Format to AC (ex-CLR); slogan to “Morgan 92.1 & 1300.”
	WTIL	PR	Mayagüez – Format to SS:NWS/TLK (ex-SS:Romántica); slogan to “La Poderosa,” delete // WNVI-1040.
1310	WDXI	TN	Jackson – Slogan to “Kool 103.”
1320	KNIA	IA	Knoxville – Slogan to “True Country 1320 & 95.3.”
	WDMJ	MI	Marquette – Running OLD 1200-1800 (contract dispute with Premier Network). (JJR)
	WCOG	NC	Greensboro – Networks to FSR/Nc/MRN; slogan & Grp= WSJS Sports Network; delete Grp= Triad Sports Network.
1340	WMDR	ME	Augusta – Slogan & Grp= Worship Radio Network. (BC)
1380	WPHM	MI	Port Huron – Format to SPT (ex-TLK/SPT); delete slogan; networks to Ns.
1400	KSUN	AZ	Phoenix – Adds // K292GY-106.3. (FCC)
1450	KFSD	CA	Escondido – Slogan to “Station of the Stars.”
	KGIW	CO	Alamosa – Format to CLR (ex-AC:OLD). (WH)
	KSKE	CO	Buena Vista – Format to C&W (ex-Traffic/Wx/Tourist).
	WCJU	MS	Columbia – Format to TLKd/CLRN (ex-TLK); adds // WJCU-88.7.
	KOBE	NM	Las Cruces – Format to SS:MEX (ex-NWS/TLK); slogan to “La Equis 92.7,” drop networks; adds // K224FI-92.7.
	WRNN	SC	Myrtle Beach – Format to UC:HipHop (ex-SPT); slogan to “G105.5,” drop nets.
1460	KTYM	CA	Inglewood – Adds // K268DD-101.5. (FCC)
1490	WPNA	IL	Oak Park – Format to Polish (ex-ETH).
1510	KSPA	CA	Ontario – Slogan to “Vien Thao Radio.”
	WQQW	IL	Highland – Slogan to “Timeless Classics,” networks to USA/AGt.
1520	WEXY	FL	Wilton Manors – Format to UC:GOS (ex-UC:GOS/NOS); slogan to “The Gospel Station,” drop networks.
1540	KBOA	MO	Kennett – Slogan to “America’s Best Music,” networks to C/WW1; adds // WGCQ-98.7.
	WPTT	WI	Hartford – Format to CHR (ex-OLD); slogan “Party 92.9,” add // W225CP-92.9.
1550	KWRN	CA	Apple Valley – Add // K258DE-99.5.
	KMRI	UT	West Valley City – Slogan to “La Raza 1550,” delete // KEGH-107.1.
1570	WCCM	MA	Methuen – Format to SS:Tropical (ex-ETH); delete slogan; Grp= Power 800 AM. (BC)
1580	WVKO	OH	Columbus – Adds // W225CS-92.9. (FCC)
1590	KLRK	TX	Mexia – Format to SPT (ex-AC); slogan to “ESPN 1590,” networks to ESPN; delete // K267AI-101.3.
1670	WOZN	WI	Madison – Slogan & Grp= to //The Zone.
1690	WIGT	VI	Charlotte Amalie – Adds // WGOD-FM-97.9.
1700	WRCR	NY	Ramapo – Reported silent. (CR)

Group Name Change

Grp= Classic Country WCKA becomes Grp= Alabama 94.3 97.1 and AM 810, WCKA-810, W232BS-94.3, W246DB-97.1

Grp= Triad Sports Network becomes Grp= WSJS Sports Network – WSJS-600, WSML-1200, WCOG-1320, WMFR-1230, W267AM-101.3, W285EU-104.9, W284BN-104.7, W229CH-93.7



Group Update

Grp= Radio Cantico Nuevo – Adds W295CK-106.9 Medford

New Groups

Grp= 105.5 The Beat – WDAR-FM-105.5, W283AB-104.5, W250BJ-97.9, WRZE-94.1, W290CD-105.9, WWRK-970

Grp= New Country 96.7 – KYAP-96.7, KHAT-1210, K222BL-92.3

Grp= Power 800 AM – WNNW-800, WCCM-1570, W275BH-102.9 (BC)

Grp= Sacred Heart Radio 89.5 – WHSS-89.5, WNOP-740, WPFB-910

Grp= The Smokies Classic Hits – WFSC-1050, W285FD-104.9, W262CE-100.3

Grp= The Zone – WOZN-1670, WOZN-FM, W244DR-96.7

Grp= Worship Radio Network – WMDR-1340, W234CG-94.7, W232CU-94.3 (BC)

Deleted Group

Grp= The Big 87

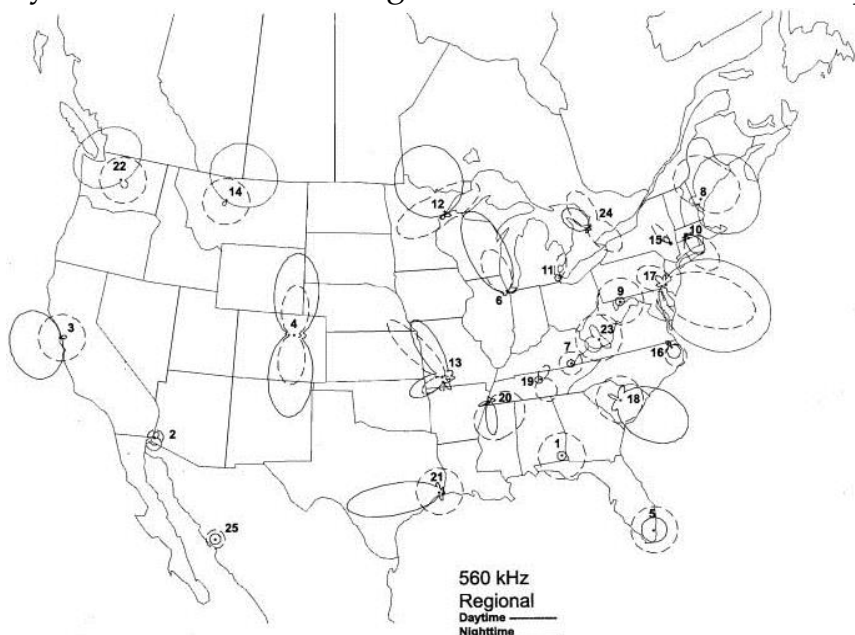
Our Thanks to Shawn Axelrod, Bill Hale, FCC Database (FCC) John Wilkins (JW) Terry Krueger, Charles Reh (CR), John J Rieger (JJR), Bruce Conti (BC) Tore Vik (TV).

Unreported Domestic Stations

Two stations – WVTJ-610 and WXAL-1400 – were reported to DDXD this issue for the first time since at least 1999-2000 (Volume 67). So we end Volume 84 with only 411 currently licensed stations in the United States and Canada that haven't been reported in DDXD during this period.

NRC Antenna Pattern Book, 7th Edition

The 7th Edition of the *NRC Antenna Pattern Book* is now available. This all new edition prepared by NRC'er Paul Swearingen is an all-inclusive book of patterns for both Day and Night operation of



stations in the USA, Canada and selected foreign stations. The data for the book comes from the 34th Edition of the *AM Radio Log* and NRC'er John Callerman's comprehensive Mexican station listing.

The book comes shrink wrapped in 8½ by 11 three hole punch format for placement in your own three ring binder. There are 240 pages and the book has maps covering 530 through 1700 kHz depicting the lower USA, Canada and Mexico. Hawaii and Alaska are shown on separate maps at the of the book.

Price/ordering info: Same as for the *NRC AM Log* (see page 1). Colorado residents, please add 3.5% sales tax.



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Domestic DX Digest – East

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

For loggings of U.S. and Canadian stations by DXers in Eastern/Atlantic time zones

All times are Eastern Local Time (ELT)

REPORTERS

- BC-NH** **Bruce Conti, Nashua** – Excalibur SDR, MWDX-5, variable termination SuperLoop antennas 50 x 60-ft at 60° northeast and 50 x 75-ft at 180° south.
- HJH-PA** **Harry Hayes, Wilkes-Barre** – Grundig S-350, C Crane Skywave, Zenith Trans Oceanic, Kiwi Pocket Loop, Radio Plus tunable ferrite bar, ALA 1530 antenna
- KK-VA** **Kraig Krist, Manassas** – Winradio G33DDC SDR, Wellbrook ALA-1530S+ Imperium Loop
- TLK-FL** **Terry Krueger, Clearwater** – NRD-535, IC-R75, roof dipole, active loop
- TLK-FL1** **Terry Krueger, Fort DeSoto Park** – IRC-R75 coupled to car power jack, active loop.
- PS-ON** **Paul Snider, Welland** – Elad FDM-S2, Pixel Pro 1B loop.
- JW-PA** **Jim Weber, Lancaster/Oyster Point** – Grundig S350
- MKB-ON** **Mike Brooker, Toronto** – Grundig YB-400PE, Sony SRF-39FP, C Crane CC Skywave, Panasonic RF-2200.

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

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UNID

- 980 unID** -- - 9/1 0159 – Bridgestone Tires ad, ID (not copied) by man just after 0200 into unidentified net sports talk, signal lost. WTEM-Washington or WONE-Dayton? **(TLK-FL)**
- 1210 unID** -- - 8/27 0704 – “Misunderstanding” by Genesis segued to “That’s All” also by Genesis, then male “12-10 AM...” into “Broadway” by George Benson, fade and lost with KUBR dominating. Not WMPS per their website’s “Last 10 Songs Played” (and they skew older songs), daytime WILY Centralia, IL had no streaming, and this seemed to point more E/W. WNMA, Miami Springs was airing a mix of English classic pop hits and Spanish vocals back in February, but this one definitely had an English liner between the two songs. **(TLK-FL)**
- 1320 unID** -- - 8/4 0527 – In multi-station mix (WISW, WGOC, WJAS, WVNZ), presumably a gospel station, noted with “...in God’s glory 13-20 and 105...” **(KK-VA)** WKRK? It’s GOS // 105.5 per new Log. – DY.
- 1410 unID** -- - 8/25 0620 – In multi-station mix (KQV, WDOV, WPOP, oldies, Spanish talk and other singing) someone with Morse code. Sounds like “KMN.” **(KK-VA)**
- 1430 unID** -- - 8/25 0641 – In multi-station mix (WVAM, WNAV, UNID ESPN, Spanish, Chinese and other talk stations) with oldies/soft rock, male ““The Pick’ Z (or V) 101.3 and 105.9” slogan. **(KK-VA)**

TIS/HAR

- 1650 WQQJ297** **FL Tampa** – 8/31 1245 – Local level, compu-man generic loop with calls, presume one of the Tampa I-275 transmitters, unless the within eyesight northern Sunshine Skyway Bridge FDoT transmitter is using these calls now. Otherwise, where are they? **(TLK-FL1)**
- unID** **FL** – 8/31 1245 – Pointing slightly more south, a human female loop threshold under WQQJ297, presumably one of the many I-75 transmitters in Manatee, Sarasota and counties beyond. **(TLK-FL1)**

ECLIPSE LOGGINGS

- 1360 WWOW OH** **Conneaut** – 8/21 1518 – Fair on eclipse-enhanced daytime skip with oldies, “Wow community bulletin board” listing of local events. **(MKB-ON)**
- 1370 WKMC PA** **Roaring Spring** – 8/21 1444 – Weak but readable signal during eclipse enhanced conditions. Had song “Total Eclipse of the Heart.” “Great Oldies” slogan. 145 miles. **(HJH-PA)**
- 1500 WFED DC** **Washington** – 8/21 1440 – Loud at times during discussion. Eclipse enhanced conditions. 190 miles. **(HJH-PA)**

- 1520 WWKB NY **Buffalo** – 8/21 1455 – Good at this time with Jim Rome show during eclipse enhanced conditions, 190 miles. **(HJH-PA)**
- LOGGINGS
- 540 WASG AL **Daphne** – 8/31 1116 – Urban gospel vocals, fair under WFLF. Parallel 610 WVTJ, 840 KWDF, so WRN Wilkins Radio Network. **(TLK-FL1)**
- WFLF FL **Pine Hills** – 9/6 2130 – Talk show, “News Radio 102.5,” ads, promo for United Way Panama City. Poor to very poor mostly over usual WLIE. **(PS-ON)**
- 560 WOOF AL **Dothan** – 8/31 1120 – Presumed, weak with commercials, pointing that way but WIOD co-channel seriously messing with it. Weak het on low side from something unidentified, seemingly not spurious. **(TLK-FL1)**
- 610 WVTJ FL **Pensacola** – 8/31 1126 – Urban gospel, listed as Wilkins Radio Network affiliate and indeed parallel 540 WASG and 840 KWDF. 500 watts on the day power, first log for me I think. **(TLK-FL1)**
- 640 WVLG FL **Wildwood** – 8/27 0515 – Female “... make sure you’re tuned to AM 6-40, WVLG” into oldie vocal. Progreso co-channel. This one used to be fairly easy to hear (marginally), not so for a long time though. **(TLK-FL)**
- 730 WSTT GA **Thomasville** – 8/31 1130 – Black male announcer ID, spots for local churches. Fair with Progreso nulled. **(TLK-FL1)**
- WPIT PA **Pittsburgh** – 8/19 2202 – Christian rock music, ID at 2214: “Pittsburgh’s life changing station, 96.5 FM 730 AM WPIT,” more music, another “...96.5 FM 730 AM WPIT” ID at 2216, religious talk. Fair to poor over usual CKAC and WZGV, probably still on day power. **(PS-ON)**
- 740 WNYH NY **Huntington** – 8/26 2100 – Over CFZM; multi-station ID for WNYH 740 AM, WPDI 103.9 FM, W248CG 97.5 FM, and WNYG 1440 AM. **(BC-NH)**
- 780 WXME ME **Monticello** – 9/1 2000 – Fair; GCN ad string, “WXME AM 780 Monticello-Houlton-Presque Isle,” and Townhall news. **(BC-NH)**
- WTME ME **Rumford** – 8/26 2001 – Good; Portland Seadogs baseball, ID, “The stations of Gleason Media, WEZR Lewiston, WEZR-FM Norway, WOXO South Paris, WOXO-FM Mexico, and WTME Rumford.” **(BC-NH)**
- 790 WLBE FL **Leesburg-Eustis** – 8/31 1135 – “My Oldies 7-90, WLBE...” then quasi-spot begging for sales staff with phone number for potential suckers, promo for someone claiming to spin 45 rpm oldies every 9 pm Saturday, live jock, studio phone number, time check, local weather. Reloj co-channel. **(TLK-FL1)**
- 800 WSHO LA **New Orleans** – 8/31 1137 – Male with talk on Jesus, clear and fair. **(TLK-FL1)**
- WTMR NJ **Camden** – 8/30 2000 – Over/under WNNW and CKLW; “WTMR...Where the Master Reigns, Camden-Philadelphia, a part of the Beasley Broadcast Group.” **(BC-NH)**
- 820 WCPT IL **Willow Springs** – 8/19 2344 – The Costa Report show, ads (Harry’s shavers, “On The Verge” book), promo for a doctor show, “this is WCPT’s art of the city” promo at 2259, another show promo, news items, “You are listening to Chicago’s Progressive Talk station 820 WCPT” ID at 2302. Fair at times mostly over CHAM to very poor. **(PS-ON)**
- 840 KWDF LA **Ball** – 8/31 1143 – Poor in CMHW co-channel with Wilkins Radio Network male Jesus talk, // 540 WASG and 610 WVTJ. **(TLK-FL1)**
- 850 WKNR OH **Cleveland** – 9/8 0500 – Under WEEI dead air; promo/ID, “The Really Big Show, Tony Rizzo and Aaron Goldhammer, weekday mornings at 9, ESPN 850 WKNR Cleveland.” **(BC-NH)**
- WTAR VA **Norfolk** – 8/30 2200 – Under WEEI Boston; a hollow “WTAR Norfolk” sounding like it was recorded in the bathroom, into Fox sports. **(BC-NH)**
- 880 WZAB FL **Sweetwater** – 8/31 1150 – Brokered investment huckster constantly repeating 954 area code number. Poor under Progreso. **(TLK-FL1)**
- 930 WRVC WV **Huntington** – 8/19 0600 – Dominating frequency with “...on AM 930 WRVC Huntington” ToH ID into ESPN Sports Center. Usual pest WBEN apparently off, but noted back on at 0630. **(MKB-ON)**
- 940 WLQH FL **Chiefland** – 9/1 0145 – “Karma Chameleon” by Culture Club, “Photograph” by Ringo Starr, Pointer Sisters’ “Fire,” then male called “93.3” mention (confirming this particular oldies station is WLQH) into “Run to You” by Bryan Adams. **(TLK-FL)**
- WMIX IL **Mount Vernon** – 8/24 0520 – In all by itself playing oldies with CFNV nulled. WADV was off the air yesterday and, it seems, this morning. **(JW-PA)**

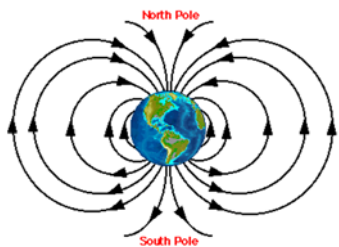
- +++ – 9/6 2236 – Jim Bohannon Show, national ads, “this is 940 WMIX” ID at 2258. Fair at times, but mostly poor to very poor under CFNV. Also heard a Spanish language station in there too, could it be WCND? **(PS-ON)**
- WKYK NC Burnsville** – 9/8 0300 – Popped up through mix of Cuba and CFNV; “WKYK Burnsville,” then gone. **(BC-NH)**
- WADV PA Lebanon** – 9/3 2307 – Continuous older and Southern Gospel music, heard an ad for local business with 717 area code, no ToH ID, in fact no ID of any kind heard for over an hour. Good to sometimes poor over usual CFNV. Must have left the day power on. **(PS-ON)**
- CFNV QC Montreal** – 8/31 2000 – Good; ID in French, “CFNV 940, la super station,” into pop music. **(BC-NH)**
- 980 WRNE FL Gulf Breeze** – 8/31 1154 – Ambulance chaser attorney spot with 850 area code, COCO Cuba coco-channel. **(TLK-FL1)**
- WAAV NC Leland** – 9/1 0400 – Under WOFX and WILK; ID as “WAAV Leland-Wilmington.” **(BC-NH)**
- 990 WNTI PA Somerset** – 8/28 0500 – Over/under WDCX; “The Laurel Highlands News/Talk/Sports Network is 1490 WNTJ Johnstown and 990 WNTI Somerset,” into Fox news. **(BC-NH)**
- 1030 WWGB MD Indian Head** – 8/31 1950 – Under WBZ Boston; religion in Spanish with *Poder* slogan into a Spanish vocal, 2000* sign-off announcement in English. **(BC-NH)**
- 1040 WURN FL Miami** – 8/28 0000 – Over/under WCHR and WHO; talk in Spanish, jingle and ID, “This is WURN 1040 AM, Miami, Florida, covering the... Actualidad Radio...” New log. **(BC-NH)**
- 1050 WVXX VA Norfolk** – 9/1 0500 – Over/under presumed WBQH, while WEPN New York was off the air; ID for WVXX and W277DF into “Vida” by Ricky Martin. New log. **(BC-NH)**
- 1080 WNWI IL Oak Lawn** – 8/29 2243 – Cover version of “Hopelessly Devoted To You,” upbeat dance music in foreign language, ad for kid’s reading program in EE, WNWI promo for air time with another WNWI ID and phone number (708-201-9600), more music. Poor to very poor, but sometimes audible under WTIC and another talk station. // to Tune In stream. **(PS-ON)**
- 1090 KEXS MO Excelsior Springs** – 8/23 2158 – End of EWTN Open Line, EWTN promos, ToH ID by young girl: “You are listening to...KEXS Excelsior Springs-Kansas City,” into Call to Communion show. Fair at times over WBAL to very poor. Finally got an ID (besides EWTN) after three nights of trying. **(PS-ON)**
- 1110 WTOF AL Bay Minette** – 8/31 1213 – Country-fied Christian vocals, alone and fair. No chance of paralleling to 1360 WMOB due to big WHNR signal. **(TLK-F1L)**
- WTIS FL Tampa** – 8/21 1345 – Thanks to Brock Whaley in Orlando for the alert that this one returned to the air today for the first time since the end of 2016 when it went silent. No Christian fare, instead airing presumed placeholder canned format of Soft/Classic Pop-Rock (Whitney Houston, Nat King Cole, Bob Seger, John Denver). Female canned liners varying slightly, but essentially all as “The all new 1110 WTIS” between every couple tracks, some of which were cross faded far too tightly. A couple of audio breaks and hum, gone by around 1415 and not heard the rest of the day (it’s a D1). Not heard on a few spot checks through August 23. Wonder if this was a one-time performance test to back up keeping the license active. **(TLK-FL)**
- 1140 WXLZ VA Saint Paul** – 8/18 2325 – Heard faint country music under WRVA, mention of 107.3 at 2346, signal got better for a bit and was able to recognize tunes by Phil Vassar, Sam Hunt and Alan Jackson, “107.3 WXLZ” jingle at 2351. Poor to very poor mostly under in-state rival WRVA. **(PS-ON)**
- 1150 WHUN PA Huntingdon** – 8/29 0420 – In periodically this morning with pop hits from the past, “Hunny 103.5 and 97.7” slogan. Later, as “Hunny 103 Greatest Hits” at 0457. Sounded better than 36 watts would warrant. **(JW-PA)**
- WCRK TN Morristown** – 8/27 2358 – Under WWDJ Boston; 105.7 WCRK ID into “Hurts So Good” by John Cougar Mellencamp, promo, “Hamblen County’s news and information station.” New log. **(BC-NH)**
- WHBY WI Kimberly** – 9/3 0359 – Under WWDJ; “...WHBY 103-5 FM,” and “...weekday mornings at 8:30, on WHBY Kimberly-Appleton,” into CBS news. **(BC-NH)**
- 1160 WBYN PA Lehighton** – 9/2 0500 – Over WSKW; “This is WBYN Lehighton, WEEX Easton, and WTKZ Allentown,” into ESPN. **(BC-NH)**



- KVCE TX **Highland Park** – 8/19 0627 – Surely already up on day power, excellent with Texas church and bible-based product ads, mention of 100.7 FM, into Healthwatch/Purity Products brokered quack supplements program. Same signal level the next day at about the same time. **(TLK-FL)**
- 1190 WMEJ MS **Bay Saint Louis** – 8/31 1208 – Alone and very good with old black gospel, “...on your hometown gospel station, WMEJ.” **(TLK-FL1)**
- 1230 WGUY ME **Veazie** – 8/28 0101 – Fair; “WGUY Veazie-Brewer-Bangor, the greatest hits of all history, right here.” **(BC-NH)**
- 1230 WBLQ RI **Westerly** – 8/30 0500 – Fair, over WGUY; “This is Stereo 1230 WBLQ Westerly-Stonington, a Diponti Communications station,” and WBLQ jingle. **(BC-NH)**
- 1240 WSKI VT **Montpelier** – 9/1 2100 – Caught ID through the GY jumble; “1240 AM WSKI Montpelier and 93.3 FM W227DF.” **(BC-NH)**
- WTPS VA **Petersburg** – 8/27 2159 – Over/under WBAS; promo, “...ESPN 950 and 102.7 FM,” and ID, “WXGI Richmond, WTPS Petersburg.” **(BC-NH)**
- WDNE WV **Elkins** – 8/24 0500 – Popped up out of the jumble with a nice ID at the hour including mention of West Virginia Radio Corporation. **(JW-PA)**
- 1260 WCHV VA **Charlottesville** – 8/31 0045 – Fox News mentions, Dave Ramsay Show, national ads, missed ToH ID but heard local weather at 0103 with WCHV ID. Poor to very poor in station mix with WCCR, WSKO and others. **(PS-ON)**
- 1270 WLIK TN **Newport** – 9/6 0510 – WLBR was strong with radio E-W but completely nulled in N-S. WLIK in periodically for a bit; I got a decent ID at 0510 with a PSA about the farmers’ market. Then right into Roy Orbison’s classic “Pretty Woman.” Another ID at 0521 with “Spanish Harlem” following. **(JW-PA)**
- 1300 WSSG NC **Goldsboro** – 8/4 0528 – In mix with WJZ and UNIDs (religious talk, other singing and more talk), “... weekdays at 3 on WSSG” station promo. **(KK-VA)**
- WCLG WV **Morgantown** – 8/4 0601 – Presumed in WSSG/WJZ mix with oldies, male “Classic hits 13 AM...” Is this slogan used by WCLG? **(KK-VA)**
- 1310 WDKD SC **Kingstree** – 8/4 0559 – In mix with WDCT and UNIDS (religion, oldies), “The general... on 96.3 ESPN radio is WOLH Florence, WSIM HD2 Lemar and WDKD Kingstree...the worldwide leader in sports” ToH ID. **(KK-VA)**
- 1320 WISW SC **Columbia** – 8/4 0559 – In multi-station mix with “AM 13-20 ‘The Fan’” slogan. **(KK-VA)**
- WGOC TN **Kingsport** – 8/4 0459 – In multi-station mix (WISW, WJAS, WVNZ, UNID Gospel and C&W) with “Business talk for the tri-cities. AM 13-20 WGOC Kingsport” ToH ID. **(KK-VA)**
- 1340 WMDR ME **Augusta** – 9/1 2000 – Fair; caught part of ID for 94.3 and 94.7 FM, northern and southern Maine forecasts, “Maine weather is a service of Worship Radio Network.” WMDR website shows nickname as “The Arrow” but only heard references to Worship Radio Network. **(BC-NH)**
- WIRY NY **Plattsburgh** – 9/4 2001 – Fair; pause for ID, “...on the WFAN New York Yankees Radio Network,” and ID, “This is your home for New York Yankees baseball” into jingle singing “WIRY Plattsburgh.” **(BC-NH)**
- WLSG NC **Wilmington** – 8/4 0514 – In multi-station mix (WQSC, WCBQ, WYCB, WHAP and UNID religious talk) with “94 1 ‘The Beach’” slogan, jingle “Solid gold.” **(KK-VA)**
- WTRN PA **Tyrone** – 9/4 0604 – In mix of UNIDs (talk, popular songs, more oldies and Spanish singing) with oldies, “...news coverage... the voice 100.7 FM WTRN” station promo. **(KK-VA)**
- 1350 WCHI OH **Chillicothe** – 8/10 0456 – In multi-station mix (WGPL, UNID Fox Sports, CBS Sports, talk and C&W stations) with oldies, male “... WCHI Chillicothe...” ID. **(KK-VA)**
- 1360 WKMI MI **Kalamazoo** – 8/2 2155 – Full ID, “Talk Radio 1360.” Had ABC News at top of the hour. Ad for Rush Limbaugh. Alone. **(HJH-PA)**
- 1380 WTYM PA **Kittanning** – 8/26 0104 – While trying to ID unknown oldies station, caught end of a weather report and “...1380 WTYM” ID, then lost in the mix. Very poor in station mix. **(PS-ON)**
- 1390 WFBL NY **Syracuse** – 8/8 2200 – Noted back on (had been silent) with oldies music and ID’s only at top of the hour. Fair to good signal. **(HJH-PA)**
- WEED NC **Rocky Mount** – 8/10 0508 – In mix with WSPO and UNIDs (oldies, sports talk, songs from the 1970’s and Spanish singing) with “Bringing joy to Rocky Mount...Joy 13-90” station promo. **(KK-VA)**

- WSPO SC **Charleston** – 8/10 0622 – In WEED mix with male “Heaven 13-90” slogan. **(KK-VA)**
- 1400 WXAL AL **Demopolis** – 8/25 0528 – In multi-station mix with oldies, female “Thanks for listening to WXAL the station...” **(KK-VA)**
- WCYR ME **Veazie** – 8/27 0059 – Over WLLH; “WCYR Veazie-Bangor... and we’re kickin’ off another hour of continuous classic country music on 1400,” and jingle, “The Country Road.” **(BC-NH)**
- WSIC NC **Statesville** – 8/25 0525 – In multi-station mix (WXAL, WPCE, WAJL, WJMX, WINC, UNID sports talk and C&W) with “WSIC news team keeping you informed...” station promo. **(KK-VA)**
- WJMX SC **Darlington** – 8/25 0635 – In multi-station mix with male “News talk 14 hundred AM WJMX” ID. **(KK-VA)**
- 1420 WCED PA **DuBois** – 8/25 0531 – In multi-station mix (WKCW, UNID EWTN – probably WCOJ – and C&W station), male “96 7 and 107 9 ‘Connect FM’” slogan. **(KK-VA)**
- WKCW VA **Warrenton** – 8/19 2004 – Over usual WHK/WACK mix with “AM 1420 WKCW Warrenton” legal ID (a little past the ToH) into Beatles “Twist and Shout.” **(MKB-ON)**
- 1430 WDAL GA **Dalton** – 8/25 0629 – Presumed in multi-station mix (WVAM, WNAV, UNID Spanish and Chinese) with ESPN sports (NRC Log shows this station as C&W), tentative “ESPN Radio 14-30 WDAL” ID. At least call sign sounded like WDAL. **(KK-VA)**
- 1440 WFNJ NY **Gloversville** – 8/27 1944 – Good with ad for Rosback Shoes in Gloversville then into an Anne Murray song. **(HJH-PA)**
- WSGO NY **Oswego** – 8/6 2110 – Good signal with Mets/Dodgers coverage from WOR. ID during break in game. **(HJH-PA)**
- WNPV PA **Lansdale** – 8/27 2000 – Good signal ending nostalgic music program. “Stay tuned for an hour of Glenn Miller after Fox News.” **(HJH-PA)**
- WAJR WV **Morgantown** – 8/25 0620 – In multi-station mix (WHKZ, UNID oldies, what sounds like French talk and Gospel singing) with “WAJR morning news time... at the WAJR anchor desk...” local news. **(KK-VA)**
- 1450 WOXO ME **South Paris** – 8/27 0301 – Fair; “NASCAR lives on your racing station, 96.9 and 100.7 The Ox,” and country music. **(BC-NH)**
- WTHU MD **Thurmont** – 8/25 0659 – In multi-station mix (WVAX, WRNN, at least two UNID oldies stations) with male “W-T-H-U Thurmont Maryland” ToH ID. **(KK-VA)**
- WCTC NJ **New Brunswick** – 9/4 0608 – In WFRA mix with “...ways with WCTC... Facebook...” station promo. **(KK-VA)**
- WKAL NY **Rome** – 8/30 2221 – Break during the Jow Walsh program. Ad for Uline office supplies and local car dealership. Fair at times. **(HJH-PA)**
- WFRA PA **Franklin** – 9/4 0559 – In multi-station mix (WCTC, UNID Fox sports and ESPN stations) with male “... our studios... WMGW... and WFRA...” ID. **(KK-VA)**
- WRNN SC **Myrtle Beach** – 8/25 0659 – In multi-station mix with ESPN sports (causing an echo with WVAM), “The grand slam home for the worldwide leader in sports. ESPN 14-50 WRNN...mobile app...” ToH ID. **(KK-VA)**
- 1470 WCLA GA **Claxton** – 8/25 0612 – In multi-station mix with female “You’ll find... the all new 70’s, 80’s... 93 7...” station promo. **(KK-VA)**
- WJDY MD **Salisbury** – 8/25 0529 – Presumed in multi-station mix (WCLA, WMBD, UNID Spanish talk and other singing) with female “News radio 14-70” slogan. **(KK-VA)**
- 1490 WGCH CT **Greenwich** – 9/4 0600 – In mix of UNIDs (preaching, C&W, ESPN, oldies) with “You’re listening to the Voice of Greenwich, 14-90 WGCH Greenwich” ToH ID. **(KK-VA)**
- WXTG VA **Hampton** – 8/25 0605 – Mixing with WCVA, preaching and sports talk, male “102.1 ‘The Tide’” slogan. **(KK-VA)**
- 1500 WKIZ FL **Key West** – 8/31 1230 – Slow Spanish Christian contemporary vocal, SS male with some sort of slogan but could not copy, partial phone number, mention of Miami. Slight WPSO (Greek programming) co-channel. **(TLK-FL1)**
- 1560 WKIK MD **La Plata** – 8/26 0014 – “There Goes My Heart Again” by Holly Dunn, “WKIK” jingle sung by a young woman at 0016, more C&W, mention of country1029wkik.com, “WKIK 102.9” jingle at 0023. Poor to very poor mostly under WFME. // to Tune In stream. **(PS-ON)**

- 1570 **WNST MD Towson** – 9/3 0714 – Over gospel talker with ad for New Baltimore Ford, wnst.net website promo into local sports talk. **(MKB-ON)**
- WCCM MA Methuen** – 8/29 1945 – Good; Spanish bachata music, “Power 800 AM” into “Control de la Noche” telephone talk in Spanish, parallel 800 WNNW. Rechecked 8/30 0600 and 1700 still parallel. So WCCM has dropped *Nossa Radio*, now a 24/7 simulcast of 800 WNNW. **(BC-NH)**
- 1590 **WCSL NC Cherryville** – 8/26 0601 – End of C&W song, then female country-ish take on the Star Spangled Banner from 0602, back to C&W, They insert the SSB at this time daily. **(TLK-FL)**
- 1600 **WKWF FL Key West** – 8/31 1241 – Local level with ads, “Conch Talk Live... WKWF, Sports Radio 1600...” back into “This is the Jim Rome Show on CBS Sports Radio...” **(TLK-FL1)**
- 1700 **WEUP AL Huntsville** – 8/23 2313 – Urban gospel music, ID at 2115: “Gospel never sounded so good...1700 AM, 94.5 FM WEUP,” into more gospel. Poor to very poor with KBBG and KKLf. WRcR off the air. **(PS-ON)**
- KVNS TX Brownsville** – 8/31 1247 – Weak but mostly clear once WJCC was tightly nulled, with sports talk, 800 number, Fox Sports Radio promo. **(TLK-FL1)**
- KKLF TX Richardson** – 8/23 2313 – Talk in SS, “ I Want to Know What Love Is” by Foreigner, Spanish language ballad, quick SS announcements between songs, more English language songs, “...Musica, Deportes...Banda Trece (13)” slogan at 2336. Fair to very poor with KBBG (mostly nulled) and WEUP. // to Tune In stream. WRcR off the air. **(PS-ON)**



Geomagnetic Indices

Geomagnetic Summary August 2017

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

Date	Flux	A	K	Space Weather	16	77	6	2	no storms
8/ 1	74	6	1	no storms	17	77	29	4	minor, G1
2	74	5	1	no storms	18	80	21	3	minor, G1
3	75	12	4	no storms	19	87	31	4	minor, G1
4	74	23	3	no storms	20	86	22	3	minor, G1, R1
5	74	16	3	no storms	21	87	10	3	no storms
6	74	13	2	no storms	22	90	22	3	moderate, G2
7	73	5	1	no storms	23	85	25	3	minor, G1
8	71	5	1	no storms	24	79	11	1	no storms
9	72	4	2	no storms	25	81	5	2	no storms
10	71	5	2	no storms	26	78	5	1	no storms
11	70	7	2	no storms	27	78	10	3	no storms
12	70	11	3	no storms	28	82	4	1	no storms
13	68	7	2	no storms	29	84	10	3	no storms
14	73	5	2	no storms	30	87	5	0	no storms
15	74	4	1	no storms	8/31	92	31	3	minor, G1

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

NOAA Space Weather Outlook

Issued September 4, 2017 – For the period September 4-30, 2017

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

Solar activity is expected to be at low levels with a chance for M-class (R1-R2, Minor-Moderate) flares from 04-11 Sep and again from 14-30 Sep due to potential significant flare activity from Region 2673, 2674, and the return of old Region 2672. Very low levels are expected from 12-13 Sep.

No proton events are expected at geosynchronous orbit.

The greater than 2 MeV electron flux at geosynchronous orbit is expected to be at normal to moderate levels on 07, 13, 21-27 Sep. High levels are expected on 04-06, 08-12, 14-20, and 28-30 Sep due to CH HSS influence.

Geomagnetic field activity is expected to be at unsettled to active levels on 04, 07-09, 13-17, 27-30 Sep with G1 (Minor) geomagnetic storm levels likely on 13-16, 27-29 Sep and G2 (Moderate) storm levels likely on 14-15 Sep due to recurrent CH HSS activity.

Domestic DX Digest – West

Jim Tedford, 20310 Bothell-Everett Hwy. B4, Bothell WA 98012-8133, Radio_Enthusiast@hotmail.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

- CSD-AZ** Carl "Skip" Dabelstein, **KØSBV Tucson, AZ.** Drake SW8 and Icom R75 receivers, and 400' BOG (pointed east), Quantum Loop, and LF Engineering H-900 active whip.
- GH-OK** Glenn Hauser, **Enid, OK.** Mostly DX-398 with internal antenna only; NRD-545 with ALA-330S E-W inside or N/S random wire; IC-R75 with E-W longwire; also available: PL-880 with internal or random wire; Nissan stock car radio when specified. Glenn's complete reports, with extensive commentary, are originally published in *DX Listening Digest*. <http://www.worldofradio.com/dxldmid.html> or, MW portions only.
- JE-TX** Jerry Ervine **Mission, TX.** Tecsun 660, ICOM R-75, ARL LA380 Loop
- JN-TX** James Niven, **Cedar Creek, TX.** ELAD S2 and Drake R8 with Antennas as DKAZ 140 foot, (2) EWE's 1 East and 1 West 100x15ft and 150 foot Longwire.
- JR-OK** John Reed, **Shawnee, OK.** NRD-525, Brigantina+AR7030 Homebrew tuned ferrite loop, Clifton Labs active whip, Quantum phaser.
- JS-MN** John Sampson, **Grand Rapids, MN.** Drake R8B with 200 foot long wire oriented south
- JW-CO** John Wilkins, **Wheat Ridge, CO.** Drake R-8, 4-foot box loop.
- NJ-AZ** Nancy Johnson, **Mesa, AZ.** Drake R8B, Wellbrook ALA1530LNP
- SMA-MB** Shawn M. Axelrod, **VE4DX1SMA, VEPC4SWL, Winnipeg, MB.** Icom ICR70/Drake R8; 3 Foot un-amplified box loop/Quantum QX LOOP v2.0/155 Foot U shaped outdoor wire/100 Foot indoor wire run around the basement walls/MFJ 1026 Phasing unit

DX LOGS

- 540 WXYG MN **Sauk Rapids** – 8/20 1300 – Now in and quite strong with rock music; obvious antenna pattern/power change as used to be nonexistent here during the day. (JS-MN)
- 540 KYAH UT **Delta** – 8/22 0759 – Program from "Genesis Communications Radio Network" just ending; LID at 0759:49: "No dinosaur media here -you are listening to 540 AM KYAH Delta, Utah's Talk Authority," and into *The Power Hour Radio Broadcast* at 0800. Fair/good and obviously not on 13 watt night power, which they should have been. (JW-CO)
- 580 KIDO ID **Nampa** – 8/18 0754 – Ads, then this ID: "KIDO Talk Radio, now on 107-5 FM and 580 AM;" Fox Business Report followed...LID at 0759:55. Fair signal, occasional on top. (JW-CO)
- 580 WYHM TN **Rockwood** – 9/1 0644 – Poor; sat thru 3 songs to get calls, ROCK, C&W with WILL in tow. (JJR-WI)
- 610 KCSP MO **Kansas City** – 9/1 1530 – Sports talk, Kansas City ads with ID "The Score." Good daytime signal (JR-OK)
- 680 WMFS TN **Memphis** – 8/28 0624 – Poor on tune in "ESPN 92-9" Mike & Mike. Not heard in years! (JJR-WI)
- 690 WQNO LA **New Orleans** – 9/1 0635 – Fair; unusual! Alone, EWTN talk of Rosary. Steady. (JJR-WI)
- 690 KFXN MN **Minneapolis** – 8/21 1300 – Fairly strong with Asian music. Obvious pattern change (undoubtedly a legal one, ha, ha) as used to be impossible to hear due to very deep null this way, even heard after midnight a couple of weeks ago, incredible reception for 4 watt signal with deep null (ha, ha again). (JS-MN)
- 700 KSEV TX **Tomball** – 9/2 0835 – A male announcer talking about Rocky Marciano, stating that it is his birthday August 1923-September 1969. Mexican voice QUANDO, QUANDO, QUANDO, (My Darling Tell Me When), by Engelbert Humperdinck. It was also announced that it was Gentleman Jim Corbett's birthday. Since we are into boxing, I would like to add a personal note: A number of years ago I was working TDY at Germantown Hospital outside of Philly. When Mohammad Ali got his jaw broken, he came to the hospital for X-rays. Upon leaving, I ran into him outside the elevator. Quickly, I got out a piece of paper and asked him for his autograph. I took it home and laid it on the counter, never to be seen again. I'll leave the rest for your imagination! Music



was announced, a Gloria Estefan vocal. A lot of QRM, plus SS. Fair to good. (JE-TX)

- 700 KHSE TX **Wylie** – 8/26 0642 – Poor though steady; “to rent this radio station, call John Hammond at 972-904-59XX” -WLW nulled. (JJR-WI) 9/1 1545 – UC music with call ID and 104.4 FM along with recorded announcement that this station is for rent after each music selection. (JR-OK)
- 710 WAQI FL **Miami** – 8/31 0653 – Poor; two women chatting. “en Miami” news or traffic. Alone. (JJR-WI)
- 710 KGNC TX **Amarillo** – 9/1 1600 – Dave Ramsey financial talk with call ID, then into news. Good daytime signal on loop. (JR-OK)
- 720 KDWN NV **Las Vegas** – 8/29 0736 – News in English by M&W looping E/W, weak and steady, only station on frequency, no sign of WGN (which would loop NE), fading down around 0745, resurges a bit, but at 0758 check, blocked by Spanish, XEJCC Juárez just signing on. Got to be KDWN, either on ND day pattern way early, or fraction of signal leaking out around the cardioid null toward Chicago, a few degrees off from here. (GH-OK)
- 730 KLOE KS **Goodland** – 8/30 0734 – 85 degree forecast, KLOE ID in passing, back to America’s First News. Not that far away at Goodland, NW corner of Kansas, but rarely heard here; now it’s dominant even over XEHB. Official FCC sunrise in August is 0800. Note that Goodland is on Mountain time, like most of the westernmost tier of Kansas counties, which might as well find themselves in Colorado. (GH-OK)
- 740 KCBS CA **San Francisco** – 8/26 0543 – I was listening on the morning of Hurricane Harvey making landfall in South Texas, I had KTRH somewhat nulled, they were carrying hurricane updates, and this with broadcasting baseball game results. ID was noted by male “...sports on 106.9 and AM 740 KCBS,” then a commercial was heard for Sleep Works, then male comes back on and mentions “KCBS news time 2:48 on Saturday morning...” heard briefly in the jumble of KVOR, KTRH, nice surprise indeed. (JN-TX)
- 740 KVOR CO **Colorado Springs** – 8/26 0530 – Same morning, ID by male “...always up to date ... Colorado’s News/talk station KVOR ... Colorado Springs, a Cumulus station...” . Noted with a Spanish speaker underneath which is still unknown only “Radio Formula” and XERFR ID’s noted. (JN-TX)
- 740 KTRH TX **Houston** – 8/26 0159 – “Radio 740 KTRH,” mixing with KRMG, slow SAH vs music, no doubt CFZM. To hear KTRH it’s more necessary to null CFZM than KRMG! KTRH should have been a class 1-A 50 kW non-directional day and night station, but as a late-comer, had to protect San Francisco, Tulsa, even Toronto. This surely makes Houston the largest city in the USA with no such station providing near-nationwide coverage. I doubt if it’s on ND antenna even now, poor signal here. Switching to day pattern instead of night wouldn’t really make much difference, both directional to SW. Would it still be easy for such a station to flip a switch and go non-directional which it normally never does? At 0203, KTRH with EAS tones and tornado warning for Galveston County. (GH-OK)
- 780 KAZM AZ **Sedona** – 8/27 0759 – Spot for Findlay Honda in Flagstaff; LID at 0759:50: “Hi, I’m Mickey Jones and you’re listening to AM 780 right here in Sedona, KAZM, the home of Tom Tayback;” Fox News was next. Good signal, topping the competition, sounding more like their 5000-watt day power rather than 250 watt nighttime. (JW-CO)
- 860 KNUJ MN **New Ulm**– 8/27 0200 – On top of 860 with a couple of local ads and good TOH ID. No sign of CJBC. Certainly strong for 5 watts! (JS-MN)
- 870 KFJZ TX **Fort Worth** – 8/17 1350 – Weak but readable, Hindi music with announcements in EE. Call ID and ads for Indian cuisine. (JR-OK)
- 880 KRVN NE **Lexington** – 8/27 0021 – Surprised to hear Jim Bohannon on KRVN, topic “Spoil Your Dog Day.” It’s a M-F show only, which KRVN has been carrying after local midnight. (GH-OK)
- 930 WKY OK **Oklahoma City** – 8/27 0741 – Programming notes and promos for the OKC Thunder, Texas Rangers, and Liga MX soccer; several ID’s as “WKY Deportes”. Fair at best in QRM. (JW-CO)
- 950 KDCE NM **Espanola** – 9/1 2140 – High School Football game between Espanola Sun Devils and Escalante Lobos. (CSD-AZ)

- 980 KFWB CA **Los Angeles** – 8/29 0809 – Many mentions of abogada (lawyer) Eduardo Paredes and phone number 310-855-9444. Sounded like a live broadcast from there, but probably not, at 5:09 AM. Probably just a very long ad. Also heard a couple of “La Mera Mera” slogans. Generally fair, and actually on top for a couple of minutes. **(JW-CO)**
- 980 KSGM IL **Chester** – 8/29 0643 – Poor upon tune on “on Classic Country 980 KSGM” nice, clear, steady! Knocked off Most Wanted List! IL #120 980 #27 NEW! When hearing “Classic Country” I was waiting for “980 WCUB.” Nice surprise after 50 years in the hobby hearing KSGM vs usual WCUB. **(JJR-WI)**
- 1000 KFLG AZ **Bullhead City** – 8/26 2230 – Station playing light nostalgic instrumental music paused for an ID: “Your new K-Star 99.3 FM.” That is their sister FM station. **(CSD-AZ)**
- 1000 KSOO SD **Sioux Falls** – 8/29 0730 – Poor signals but alone on the frequency with no WMVP for a change with ABC news and mentions of South Dakota in the local news. Now on this frequency ex 1140. NEW! Nice to get a new one in the summer in the off season **(SMA-MB)** 8/31 0740 – Program note for Patrick Riley, a CDT time check, then ID as “Information Radio 1000 KSOO”. Fair/poor here. Ex-KXRB. **(JW-CO)**
- 1010 KXPS CA **Thousand Palms** – 8/26 2242 – Broadcasting Anaheim Angels-Houston Astros baseball game. **(CSD-AZ)**
- 1020 KCKN NM **Roswell** – 8/31 0700 – Poor with l-o-n-g stretch of LIDs thru KJJK. No KDKA. **(JJR-WI)**
- 1030 KFAY AR **Farmington** – 9/1 0700 – Poor with LID (as “KFAY Farmington-Fayetteville”) while chasing UNID. **(JJR-WI)**
- 1030 WWGB MD **Indian Head** – 9/1 0600 – Very poor in with others. LID for this and WPWA Chester (PA) with Ethnic programming. **(JJR-WI)**
- 1060 KKVV NV **Las Vegas** – 9/1 0828 – Last minute of “Friendship with God” program with Tom Cantor, ending with contact info and program times “...here on KKVV Las Vegas”. Poor copy; should have been on 43 watt night power, and maybe they were. **(JW-CO)**
- 1060 KXPL TX **El Paso** – 8/28 0735 – Mexican tunes; after each song, a “Latino Diez Sesenta” slogan, an MDT time check, and a plug for their newscasts; faded near ToH but seemed to be news then, as promised. Fair peaks with semi-local KRCN not a factor. So Latino 10-60 apparently is their new slogan, ex-Fiesta 10-60. **(JW-CO)**
- 1060 CKMX AB **Calgary** – 8/26 0736 – Ads for Toyotas, Kias, and Smart Phones, followed by this ID: “CKMX AM Calgary, the best standup comedy 24/7; Funny 1060 AM, an iHeart radio station,” then back to the inane canned comedy routines with canned laughter. “Inspid 1060” would be a more appropriate slogan. Good signal with loop pointing right through nearby KRCN, the latter obviously a non-factor at night here. **(JW-CO)**
- 1090 KEXS MO **Excelsior Springs** – 8/26 0151 – Catholic talk in English from NE/SW, in fact sounds like Mother Angelica -- yes, // but out of synch, about 2 seconds ahead of her own 11520 WEWN, into music. So this is KEXS, an 8 kW daytimer. Of course, God’s ETWN stations are not subject to Laws of Man! I see Rob Ross, Ont., has also logged KEXS at night. Tsk2, it overcomes KAAY Little Rock, a Brother Stair outlet. **(GH-OK)**
- 1110 KRDC CA **Pasadena** – 8/26 2255 – Playing Country-Western music (sounded more teeny bopper than Real Country). TOH ID largely covered by XEWR in Juarez, but got enough of it to claim #1,000 in my Arizona BCB log. Previously logged as: KRLA, KSPN, and KDIS. **(CSD-AZ)**
- 1150 KNRV CO **Englewood** – 8/19 2259 – Poor with ID in Spanish “AM 11-50, esta escuchando KNRV. Englewood, Colorado.” An hour earlier my husband John had heard them with Broncos vs 49ers football PBP in Spanish. Now that KCKY is off the air we were able to hear this station. New logging. **(NJ-AZ)**
- 1150 KSAL KS **Salina** – 9/1 0712 – Poor in fade up “at the Target sore in Salinas” thru WHBY. **(JJR-WI)**
- 1160 KSL UT **Salt Lake City** – 8/21 0110 – Eclipse reception, discussion of the eclipse and traffic condo. Not in very long! **(JS-MN)**
- 1180 KERN CA **Wasco-Greenacres** – 9/3 0805 – Program notes and PSA’s, followed by “Ag Today,” a lengthy program with detailed ag news from across the US; this was a repeat of a program from August 30 “...on News Talk 1180 and the new 96-1

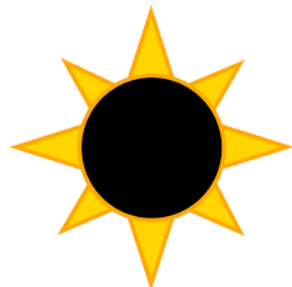
KERN". Good, dominant signal, seemingly on day parameters, but with the unusually good westerly skip lately, who knows? **(JW-CO)**

- 1180 KCKQ NV Sparks – 9/6 0759 – Legal ID as “KCKQ Sparks-Reno...” with the rest uncopiable due to KERN QRM. **(JW-CO)**
- 1200 WOAI TX San Antonio – 8/26 0121 – WOAI is the only significant TX station audible with Hurricane Harvey coverage, and it’s mostly coming from The Weather Channel! cable TV station, but not synchronized. Finally at 0144 I time the delay of 95 seconds compared to what we are getting via Suddenlink cable in Enid. WOAI does break in with local coverage and still a heavy commercial load thanks to all those intervals provided by TWC. **(GH-OK)**
- 1210 KGYN OK Guyman – 9/1 2148 – High School Football game between Balco Bisons and Moscow (KS) Wildcats. **(CSD-AZ)**
- 1240 WJON MN St. Cloud – 8/27 0130 – Local ads, good station ID and return to Red Eye Radio. All alone on 1240 for a few minutes, very unusual nighttime reception. **(JS-MN)**
- 1260 KSGF MO Springfield – 9/1 0653 – Poor-alone. “Clarke Howard on KSGF Springfield. NewsTalk FM.” Been a while on this. Logged as KTTS in 2000. **(JJR-WI)**
- 1330 KNSS KS Wichita – 9/1 0706. Poor; “98-7 & 1330 KNSS” into chatter. Others nulled. Steady. **(JJR-WI)**
- 1370 KJCE TX Rollingwood – 8/9 0758 – Ad for Coyote Tractors on highway 290, 0759 ID as Fox 1370, but 0800 into CBS News bong. This doesn’t quite compute, so my research finds: Google is smart enough to correct Coyote to Kioti! US 290 connects San Antonio to Austin to Houston TX. The only 1370 along this route is KJCE Rollingwood-Austin market, and it’s Talk 1370, not Fox 1370. Wikipedia and NRC AM Log of last year confirm it carries CBS news; and the find-a-Kioti-dealer website goes to this: Paige Tractors, 4409 Highway 290 East, Paige, TX, 78659, Distance: 46 miles from KJCE’s Austin zip code of 78746. Wiki also informs that call derives from a previous branding “K-Juice.” **(GH-OK)**
- 1430 KLO UT Ogden – 8/21 1339 – Listening at the height of the eclipse (only partial here in Southern Arizona) and heard this station with *Jim Rome Sports* coming in very strong. It is a normal pest on the frequency at night, but totally inaudible here in the daytime, so this reception was definitely eclipse-enhanced. **(CSD-AZ)**
- 1440 KMAJ KS Topeka – 8/27 circa 0030 – Although I did not log it at the time, some gospel huckster in English musing that it’s God’s will for Texas to be flooded. Suspect this as it loops NE/SW, although talk rather than religion format. **(GH-OK)**
- 1440 KETX TX Livingston – 8/26 0740 – I was listening on the morning of Hurricane Harvey making landfall in South Texas, this at fair level with CBS Sports show with female discussing the up and coming fight in Las Vegas. Programming was broadcasting baseball game results. A string of commercials were heard then ID as “Your listening to AM 1440 KETX Livingston Texas, the Score.” **(JN-TX)**
- 1450 KCTI TX Gonzales – 8/4. 1948 – Good signal, back on after being silent for almost a year. Programming is NPR format. **(JN-TX)**
- 1480 KQAM KS Wichita – 8/12 0723 – Open carrier/dead air, at first suspected KBXD Dallas until I hear that in Spanish gospel underneath, so now presumed KQAM, making usual slow SAH together. **(GH-OK)**
- 1480 KHQN UT Spanish Fork – 8/1 0818 – Briefly surged to a fair level with a woman saying “This is Radio Krishna 1480 in Spanish Fork;” the signal soon unsurged and was overtaken by SS, probably KBXD. **(JW-CO)**
- 1490 KJOQ MN Duluth – 9/6 2228 – Faded up in a mess with NBC Sports programming “The Fan.” NEW! Not a faraway station but a new one is a new one **(SMA-MB)**
- 1500 KJIM TX Sherman – 8/31 0731 – Sinatra song, then guy says “...Texas has found America’s best music on AM 1500 K-Jim, the Memory Maker,” and into a Fleetwood Mac ditty. Fair and briefly readable during a KSTP fade. **(JW-CO)**
- 1510 KSPA CA Ontario – 9/4 2200 – ID in English “This is AM 15-10 KSPA Ontario” then back into ethnic programming, through an unID Fox Sports station. New logging. **(NJ-AZ)**
- 1520 KOKC OK Oklahoma City – 8/30 0155 – With Deborah telling fortunes to random callers; oh, make that “psychic readings” on *Beyond Reality Radio*. What nonsense they ply us with, M-F at 01-02 ELT per sked. **(GH-OK)**
- 1530 KQSC CO Colorado Springs – 8/21 1400 – Eclipse reception, good signal briefly with C&W music and “1530 Mountain Country” ids. Only in for three to four minutes. **(JS-MN)**

- 1530 KXTD OK **Wagoner** – 8/4 0803 – ‘La Que Buena’ also mentioning Oaxaca almost sounding like an ID, but probably a musical group; from KXTD Wagoner OK (Tulsa market), 5 kW daytimer. (GH-OK)
- 1570 KTUZ OK **Catoosa** – 8/21 1640 – SS talk with Mexican music with Oklahoma ads and ‘La Zeta’ ID. New here. (JR-OK)
- 1590 KVGB KS **Great Bend** – 8/28 2003 – Looking for something Houstonic, instead ‘KVGB and 97-7 FM,’ a strangely worded illegal ID, from Great Bend KS, disclaimer from Kansas City Royals, pending a silly ballgame? But first, ad string. You guessed it: 97.7 is a mere translator, but at least is not given top billing, K249FA per new NRC AM Log. (GH-OK)
- 1690 WVON IL **Berwyn** – 8/25 2150 – Talk with ads for African festival of the arts in Chicago. (JR-OK)

And here are some solar eclipse logs from John Wilkins:

- 930 KMPT MT **East Missoula** – 8/21 1354 – Tentative with ads, and possibly ‘The Patriot’ slogan. Poor under KRKY. (JW-CO)
- 940 KVSH NE **Valentine** – 8/21 1356 – Local ads, call letter ID. Fair. (JW-CO)
- 1030 KTWO WY **Casper** – 8/21 1340 – Talking about the eclipse; probably live coverage, since Casper was in the 100% zone. Fair/good. (JW-CO)
- 1049.97 KMTA MT **Miles City** – 8/21 1353 – Weather, music, ‘Good Time Oldies KMTA’ ID. Fair. (JW-CO)
- 1130 KBMR ND **Bismarck** – 8/21 1352 – PSA, weather, call letter ID. Fair. (JW-CO)
- 1140 UNID -- 8/21 1348 – Weak with chat, probably KZMQ in Greybull, WY, based on loop direction. (JW-CO)
- 1160 KSL UT **Salt Lake City** – 8/21 1350 – Fair with talk. (JW-CO)
- 1180 KOFI MT **Kalispell** – 8/21 1342 – Fair/poor with Oldies music. (JW-CO)
- 1180 KZOT NE **Bellevue** – 8/21 1400 – Legal ID followed by sports. Weak. (JW-CO)
- 1500 KSTP MN **St. Paul** – 8/21 1405 – Weak with sports. This was the furthest station logged during the eclipse, at a shade over 700 miles just past noon, local time. (JW-CO)
- 1540 KXEL IA **Waterloo** – 8/21 1407 – Weak with talk. (JW-CO)



Glenn Hauser details his eclipse-related DX in *DX Listening Digest 17-34*, available at <http://www.w4uvh.net/dxld1734.txt>. The issue also includes other eclipse DX reports.

Thanks for all your contributions. See you next time. (JDT-WA)

FCC Silent Station List

77 stations on the FCC web site as of September 8, 2017 – often less than 100% accurate.

580 KZMX-SD	1170 WCXN-NC	1360 WHCG-GA	1490 KFKB-WA
630 KLEA-NM	1200 WCHB-MI	1370 KFRO-TX	1500 WQMS-MS
740 KTFS-TX	1210 WLRO-LA	1380 KDXE-AR	1510 WMEX-MA
790 KKON-HI	1220 WSTL-RI	1400 WFLL-FL	KLLB-UT
820 WTNW-TN	WLSA-VA	1410 WIQR-AL	1530 KQSP-MN
850 KHLO-HI	1230 WLNR-NC	1440 KTUV-AR	WOBX-NC
880 WAMI-AL	WAMM-VA	KPTO-ID	KVOG-Guam
910 KLCN-AR	1240 WULA-AL	1450 WCOX-AL	1540 WJZI-IN
KWDZ-UT	WNBZ-NY	KQTE-CA	WONA-VA
940 KCOE-OR	1260 KBHC-AR	WBVA-VA	1550 KRZD-MO
980 WWKY-KY	WCLC-TN	WCLM-VA	WUSP-NY
1000 WJBW-FL	1270 WMDG-GA	1460 KHRA-HI	1570 KLEX-MO
1020 WLVI-FL	WMLC-MS	WPON-MI	WFTU-NY
1050 WBVG-NY	1290 WJBI-MS	1470 WPNS-AL	1590 WGGO-NY
1060 WGSB-NC	1300 WOSW-NY	KIID-CA	WABV-SC
1080 WONS-KY	KLLS-TX	1480 WVOV-AL	1600 WXYM-VA
1110 WTIS-FL	1320 KFNZ-UT	KPHX-AZ	1700 WRCR-NY
WMUX-WV	1340 KOLE-TX	WVOI-FL	
1140 WMMG-KY	1350 KLHC-CA	WRCK-NY	
1150 KBPO-TX	KUSG-Guam	WQTM-NC	

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

- 252 **ALGERIA** *Chaîne 3*, Tipaza SEP 3 0510 - Man and woman alternating talk in French, heard "Chaîne Trois" ID at 0114, Arabic music. Poor to very poor. Parallel www.radioalgerie.dz/player/fr/live/chaîne-3 stream. [Snider-ON]
- 531 **ALGERIA** *Jil FM*, F'kirina Wilaya d'Oum El Bouaghi SEP 2 2330 - Parallel 549 with Arabic pop-rock with gimmicky autotune-effect male vocal; fair. [Connelly-MA]
- 549 **ALGERIA** *Jil FM*, Les Trembles SEP 1 2300 - Woman with *Jil FM* ID, group vocal; good on LSB. SEP 2 0000 - Bluesy vocal, *Jil FM* ID; good. [Connelly-MA]
- 585 **SPAIN** *RNE1* Madrid AUG 26 0300 - Fair; time marker, "Radio Nacional de España, servicios informativos," man and woman with news. [Conti-NH]
- 612 **MOROCCO** *SNRT* Sebaa-Aioun SEP 2 2330 - Arabic talk by man at only about 10% modulation on monster carrier. [Connelly-MA]
- 621 **CANARY ISLANDS//SPAIN** *RNE1* sychros SEP 1 2300 - Lush orchestral music, pips, *R.Nacional de España* ID; to fair peak. [Connelly-MA]
- 684 **SPAIN** *RNE1* Sevilla AUG 27 0300 - Jazz, 5+1 pips, news intro including fanfare music, "Radio Nacional de España, servicios informativos," and "Buenas noches," Catalunya mention; fair through WRKO slop. {A} [Connelly-MA]
- 693 **UNITED KINGDOM** *BBC Radio 5*, Droitwich et al. SEP 2 2330 - Man in English; poor. [Connelly-MA]
- 738 **SPAIN** *RNE1* Barcelona AUG 27 0000 - Parallel 855 with 5+1 pips, a couple of Spanish words, fanfare music, *R.Nacional de España* ID; to fair peak. [Connelly-MA]
- 747 **CANARY ISLANDS//SPAIN** *RNE5* sychros AUG 27 0200 - Good; time marker and check, "Son las cuatro, las tres en Canarias," and news, "Radio Nacional de España, servicios informativos." [Conti-NH]
- 783 **MAURITANIA** *R.Mauritanie*, Nouakchott AUG 26 0000 - Female Arabic vocal with drumming, a few words by a woman, then male vocal with guitar; good peak. {A} [Connelly-MA]
- 837 **CANARY ISLANDS//SPAIN** *COPE* sychros AUG 26 0400 - Spanish news; in 840 Cuba slop. SEP 1 2330 - Fast Spanish talk by man, teletalk; good. [Connelly-MA]
- 855 **ROMANIA** *R.România Actualitati*, Tâncăbești (București) AUG 26 0100 - Poor, mixed with Spain; time marker and news intro music. [Conti-NH]
- 855 **SPAIN** *RNE1* Murcia et al. AUG 26 2330 - Good with talk. SEP 5 0000 - 5+1 pips, news intro including fanfare music, "Radio Nacional de España, servicios informativos"; good. {A} [Connelly-MA]
- 954 **SPAIN** *Onda Cero*, Ctra Humera (Madrid) SEP 5 0000 - 5+1 pips, two men in Spanish; through slop. [Connelly-MA]
- 981 **ALGERIA** *Chaîne 2*, Algiers SEP 1 2330 - Arabic male vocal and percussion; good. [Connelly-MA]
- 999 **SPAIN** *COPE* Madrid AUG 27 0000 - Start of news, man said "buenas noches"; through WINS IBOC. [Connelly-MA]
- 1017 **SPAIN** *RNE5* sychros SEP 1 2330 - Man in Spanish; poor. [Connelly-MA]
- 1044 **SPAIN** *SER* San Sebastian//Valladolid AUG 26 0400 - End of pop song, Cadena SER mentions, 5+1 pips, news including mention of Texas; to good peak over WEPN slop. {A} SEP 1 2330 Music, 5+1 pips, Cadena SER ID; good. {A} [Connelly-MA]
- 1053.03 **LIBYA** *R.Libya*, Tripoli SEP 1 2330 - Presumed source of monster carrier with little or no audio. [Connelly-MA]
- 1062 **ITALY** *Rai Radiouno* sychros AUG 26 0400 - Fanfare music, "RAI" mention in Italian talk; poor. [Connelly-MA]
- 1089 **UNITED KINGDOM** *TalkSport* sychros AUG 26 0400 - Man said that it's 5 o'clock, woman read news items including items about Paris, Trump; fair through slop. SEP 4 2359 - Adverts, severe synchro echo. [Connelly-MA]
- 1098 **SPAIN** *RNE5* sychros AUG 26 0400 - News parallel 1107; poor. [Connelly-MA]
- 1107 **SPAIN** *RNE5* sychros AUG 26 0400 - RNE news by man, Catalunya mention; to good peak. AUG 27 0000 - RNE news intro parallel 738; poor. [Connelly-MA]

- 1125 **SPAIN** *RNE5* sychros SEP 5 0000 - Woman with RNE news parallel 855; poor. [Connelly-MA]
- 1152 **SPAIN** *RNE5* sychros AUG 26 0400 - RNE news intro parallel 1107; in slop. [Connelly-MA]
- 1215 **UNITED KINGDOM** *Absolute Radio* sychros AUG 26 0402 - Slow rock vocal; fair. [Connelly-MA] SEP 4 0458 - Good; ad/promo string, "Get the best of Sky TV normally £42 now just £25 a month plus our unlimited broadband for just £15 a month for 12 months," etc. followed by news. [Conti-NH]
- 1422 **ALGERIA** *R.Algérienne*, Algiers SEP 1 2329 - Arabic male vocal; through WASR slop. [Connelly-MA]
- 1503 **SPAIN** *RNE5* La Línea de Concepción//Piñeira SEP 1 2330 - Two men in Spanish parallel 855; to fair peak. [Connelly-MA]

PAN-AMERICAN DX

- 539.739 unID AUG 26 0200 - Steady s5 signal above the noise floor. Per Tim Tromp in Michigan via the NRC Facebook group, "539.739 is real. I see this carrier when Nicaragua is really strong, usually only during good auroral conditions. I'd love to know who this is." Seemed to sign-off at 0401 UTC. [Conti-NH]
- 539.859 **NICARAGUA** *R.Corporación*, Managua AUG 26 0200 - Good; excited sports commentary. At 0400, jingle with time check, "Diez en punto." At 0501 sign off with choral national anthem. [Conti-NH]
- 540 **DOMINICAN REPUBLIC** *Radio ABC*, Santo Domingo AUG 9 0101 - Radio ABC ID; over others. AUG 28 0000 - Radio ABC ID; fair, dominant. {A} [Connelly-MA] AUG 30 0900 - Under WLIE; choral national anthem, then sign-on announcement by a woman, "Buenos días..." SEP 1 0900 - Under WLIE; anthem and same sign-on announcement. [Conti-NH]
- 540 **MEXICO** XETX Nuevo Casas Grandes, Chih. SEP 3 0606 - Multi-verse choral national anthem from west/southwest, suspected XETX in the UTC-6 zone, yes, full ID follows at 0609 UTC. Interference nullable from XEWA *Los Cuarenta* music at much different angle. [Hauser-OK]
- 550 **HONDURAS** *ABC Radio*, Tegucigalpa AUG 26 1046 - Ranchera and corrido vocals, male announcer, ID. [Krueger-FL]
- 550 **VENEZUELA** YVKE *Mundial*, Caracas AUG 26 0400 - Piano, then talk by man "Mundial... musical venezolano"; dominant. {A} [Connelly-MA]
- 570 **COLOMBIA** HJND *R.Nacional de Colombia*, Bogotá (El Rosal) AUG 26 0400 - Woman with *R.Nacional de Colombia* ID; over WMCA. {A} [Connelly-MA]
- 580 **MEXICO** XEMU *La Racherita del Aire*, Piedras Negras, Coah. AUG 20 1021 - Mexi-tunes slowly overtaking mostly nulled WDBO. Male ID 1100, "Esta es XEMU... Coahuila, México... (address and phone number not copied)..." and brief talk, back to Mexi-tunes from 1100 UTC. Parallel station stream with only a slight delay. No anthem before/after the 1100 mark. First log of this one here. [Krueger-FL] AUG 30 1136 - Spanish man and woman discussing petrol price rises expected at HEB, Walmart, affecting Piedras Negras, due to Texas refinery floodings. [Hauser-OK]
- 580 **PUERTO RICO** WKAQ San Juan AUG 18 0001 - WKAQ Cinco Ochenta AM ID, affiliates list; over WTAG. [Connelly-MA]
- 590 **CUBA** *R.Rebelde*, Guantánamo-Berene AUG 18 0200 - Talk parallel 600; under WEZE. [Connelly-MA]
- 600 **CUBA** *R.Rebelde*, San Germán-Urbano Noris AUG 26 0059 - Good, over WICC and WYEL; baseball discussion with "home run" mentions parallel 1620 kHz. [Conti-NH]
- 600 **NICARAGUA** *La Nueva Radio Ya*, Managua AUG 26 1012 - Long ad string, hyper announcer with *Radio Ya* mention, then the usual canned "Ya, Ya, Ya" and mention of nicaragüense by announcer. [Krueger-FL]
- 610 **BRAZIL** ZYL268 *R.Itatiaia*, Belo Horizonte AUG 25 0000 - Portuguese talk with Brazil mentions; over WIOD. {A} AUG 27 0000 Jingle, Itatiaia ID. {A} AUG 31 0001 - Man in Portuguese, Londrina mention, sweep tones and sped-up talk; good. {A} [Connelly-MA]
- 610 **COLOMBIA** HJKL *La Cariñosa*, Bogotá AUG 9 0101 - Spanish talk over WIOD. Per Fredrik Douren (RealDX), "RCN Radio, so should de La Cariñosa, Bogotá." {A} [Connelly-MA]
- 610 **MEXICO** XEGS Guasave, Sin. AUG 29 1132 - Choral national anthem, ID mentioning 106.1 FM, Sinaloa song. Another one antheming on the semihour. Not parallel yet to 650 XETNT which is already programming. [Hauser-OK]
- 620 **MEXICO** XEBU Chihuahua, Chih. AUG 20 1135 - No sign of XEBU, though other northwest Mexicans are in on 550, 650, 710, etc. So wonder if it's still on AM? [Hauser-OK]

- 630 **CUBA** *R.Progreso*, Camagüey-Isábel Hortensia SEP 7 0153 - Instrumental tropical music, male announcer with ID "Radio Progreso Habana, Cuba," more music. Poor to very poor mostly under WMAL, no sign of usual CFCO. Haven't heard them on this frequency before, only 5 kW. Parallel to stream on Simple Radio app. [Snider-ON]
- 630 **PUERTO RICO** WUNO San Juan AUG 18 0001 - NotiUno ID under WPRO. [Connelly-MA]
- 640 **CUBA** *R.Progreso*, La Habana-Guanabacoa//Las Tunas-Jobabo AUG 26 0800 - Good; "Desde la Habana Cuba, transmite Radio Progreso cadena nacional, la emisora de la familia cubana," chime marking the hour, "Cuatro en la madrugada." [Conti-NH]
- 640 **MEXICO** XEJUA Cd. Juarez, Chih. SEP 4 1200 - National anthem in progress; ID at 1201:45 with call letters, power (5 kW), and slogan (new?) "La Caliente" - don't recall hearing this slogan before; went into music program hosted by Avril y David, but did not catch program name. Fair, mixing with KFI. [Wilkins-CO]
- 640 **VENEZUELA** YVQO *Unión Radio*, Puerto La Cruz AUG 24 0001 - *Unión Radio* ID; through static crashes. [Connelly-MA]
- 650 **COLOMBIA** HJKH, RCN *Antena Dos*, Bogotá AUG 18 0000 - "En Antena Dos... noticias deportivas"; over presumed *R.Progreso*. [Connelly-MA]
- 650 **MEXICO** XETNT Los Mochis, Sin. SEP 3 0605 - Multi-verse choral national anthem is playing, off about 0607 after I had tuned away to 540 kHz. Timing implies midnight in the UTC-6 zone, probably usual dominant XETNT. [Hauser-OK]
- 670 **CUBA** *R.Reloj*, unknown location AUG 29 0000 - Reloj ticks and beeps; mixed with usual *R.Rebelde*. [Connelly-MA] I logged this in 2013, but location has never been identified. [Conti-NH]
- 680 **PUERTO RICO** WAPA San Juan AUG 9 0030 - Puerto Rico news/talk; under WRKO. [Connelly-MA]
- 690 **BRAZIL** ZYH587 *R.Shalom*, Fortaleza AUG 26 0002 - Man in Portuguese; slightly over mess. [Connelly-MA]
- 690 **CUBA** *R.Progreso*, Santa Clara//Santiago de Cuba SEP 3 0958 - "Radio Progreso... Habana Cuba," Spanish talk, then 0959, "Radio Progreso" into Spanish music, clear ID's. [Capobianco-NY]
- 690 **MEXICO** XEN México, DF SEP 8 0602 - Over/under *R.Progreso*, over XEMA; news/talk through the hour, then Grupo Radio Centro ID. [Conti-NH]
- 690 **MEXICO** XEMA *La Mejor*, Fresnillo, Zac. SEP 8 0600 - Over/under *R.Progreso* and XEN; long promo/ID in slow deep voice, "Aquí nomás" slogan and many "La Mejor" mentions. At 0800 a better signal with same ID. New log. [Conti-NH]
- 700 **BRAZIL** ZYK686 *Nossa Radio*, São Paulo AUG 24 2359 - Portuguese male preacher; fair over others. AUG 28 2359 - *Nossa Radio* jingle, mention of a church (igreja) organization. {A} SEP 4 0000 - Man in Portuguese; mixed with WLW. [Connelly-MA]
- 700 **MEXICO** XEGD Hidalgo del Parral, Chih. AUG 29 1143 - Open carrier with hum, about west/southwest, mixing with weaker stations in Spanish, English. Presumed XEGD based on my previous logs from 2015. [Hauser-OK]
- 710 **MEXICO** XEDP Cd. Cuauhtémoc, Chih. AUG 20 1133 - Promo news show lunes a viernes 5:40-6:45 a.m., on "La Ranchera de Cuauhtémoc, 89.7 FM," XEDP jingle and back to music. Dominant signal now. SEP 7 0553 - Big het from 709.93 kHz against KCMO et al. loops west/southwest, no doubt the off-frequency transmitter of XEDP. When heard around SRS, it's the other transmitter site, not off-frequency. IRCA Mexican Log of 2015 said 185 Hz low, but now it's only ~70 Hz. [Hauser-OK]
- 720 **COLOMBIA** HJAN *Emisoras Unidas*, Barranquilla AUG 9 0059 - Colombian anthem; to good peak. [Connelly-MA] AUG 26 0058 - Fair; marching band instrumental national anthem. [Conti-NH] SEP 5 0001 - *Emisoras Unidas* ID, fast music; over slop from huge 710 Cuba. [Connelly-MA]
- 720 **MEXICO** XEJCC Cd. Juárez AUG 29 1158 - Spanish has overcome KDWN, 1201 choral national anthem, into Chihuahua state song, 1203 music and sign-on but unreadable now. [Hauser-OK]
- 730 **COLOMBIA** HJCU *Cadena Melodia*, Bogotá AUG 9 0100 - "En la Cadena Melodia Colombia," xylophone attention signal; over jumble. AUG 11 0001 - "En Melodia Estereo" ID; dominant. [Connelly-MA]
- 730 **CUBA** *R.Progreso*, La Fe SEP 1 0800 - Over/under CKAC; "Noticiero RP" and canned ID, "Radio Progreso cadena nacional, la onda de la alegría, transmitiendo desde la Habana Cuba, primer territorio libre en América," then chime marking the hour a minute late, parallel 640 kHz. [Conti-NH]

- 730 **MEXICO** XEHB Hidalgo del Parral, Chih. AUG 30 1206 - National anthem, followed by ID: "Escuchas XEHB-AM, 50000 wats de potencia 730 AM, XHHB-FM con 25000 wats efectivo 107.1 FM. Estereo Fiesta...;" also mentioned address and membership in Grupo Radiorama; the program "Que Buena Manana" followed, beginning with several PSA's and two ads, one of which was for a benefit concert to aid the residents of nearby Guadalupe y Calvo, which was inundated by a flood on August 21. Good signal and on top for a few minutes before being overtaken by XESOS. [Wilkins-CO]
- 730 **MEXICO** XESOS Agua Prieta, Son. AUG 30 1211 - XE music, mentions of 97.3 FM only. Underneath strong XEHB at first but eventually rising to the top when XEHB finally faded. [Wilkins-CO]
- 740 **CUBA** *R.Angulo*, Sagua de Tánamo AUG 11 0000 - Angulo ID, chimes; mixed with WNYH. AUG 28 0100 - Spacey music, man with ID, "Radio Angulo, transmitiendo desde Holguin, Cuba," 6-note chimes interval signal; good. {A} [Connelly-MA]
- 740 **PUERTO RICO** WIAC San Juan AUG 26 0001 - Man in Spanish, Puerto Rico mentions in health-related announcement. Thanks to Chuck Hutton (RealDX) for listening. {A} [Connelly-MA]
- 750 **CUBA** *R.Progreso*, Palmira AUG 31 1533 - Clear, weak and alone with spastic wobbling audio. [Krueger-FL]
- 750 **VENEZUELA** YVKS, RCR, Caracas AUG 10 0300 - "RCR presenta..."; good. [Connelly-MA] AUG 26 0100 - Good; "RCR, 750 AM, porque lo bueno une," and program disclaimer. [Conti-NH] AUG 28 0100 - "RCR, siete cincuenta AM" ID; loud. {A} [Connelly-MA]
- 760 **BRAZIL** ZYH588 *R.Uirapuru*, Fortaleza AUG 11 0001 - Portuguese talk by man, over Colombia, others. AUG 26 0000 - Talk, short religious-sounding song (male vocal, piano), more Portuguese talk; good peak. {A} At 2359 Portuguese talk by man; dominant. {A} AUG 30 0000 - WCHP sign-off then man in Portuguese into song segment. {A} SEP 5 0000 - ID Radio Uirapuru, AM 760 kHz, Fortaleza, Ceara; good. {A} [Connelly-MA]
- 760 **COLOMBIA** HJAJ, RCN, Barranquilla AUG 25 0001 - Ascending notes, RCN ID. AUG 26 0400 - Banco Popular advert, pips; over jumble. [Connelly-MA] AUG 31 0001 - Good after WCHP signed off; "Voces RCN" news/talk. [Conti-NH]
- 770 **CUBA** *R.Rebelde*, Victoria de las Tunas AUG 10 2359 - 9-note sounder parallel 670; under WABC. [Connelly-MA]
- 780 **BRAZIL** ZYK279 *R.Caiçara*, Porto Alegre AUG 31 0002 - Jingles and *R.Caiçara* ID's; briefly dominant. New logging. {A} [Connelly-MA]
- 780 **BRITISH VIRGIN ISLANDS** ZBVI Road Town, Tortola AUG 25 0100 - News by woman, ZBVI ID, U.S.-accented man with weather, BVI Yellow Pages advert; good. {A} At 2359 Carib-accented man; to fair peak. [Connelly-MA]
- 780 **VENEZUELA** YVMN *R.Coro*, Coro AUG 26 0400 - Venezuelan anthem; over low growl. AUG 31 0000 - Atop with *R.Coro* ID before later taking a fade under Brazil. [Connelly-MA]
- 790 **VENEZUELA** YVXM *R.Minuto*, Barquisimeto AUG 26 0400 - Venezuelan anthem; under WPRV. [Connelly-MA]
- 800 **BONAIRE** PJB *TransWorld Radio*, Kralendijk AUG 9 0100 - Woman with Radio Transmundial ID; over mess. AUG 29 0000 - Man in English with TWR mention in offer of Bonaire postcards. {A} [Connelly-MA] SEP 7 0135 - Spanish religious talk (lots of Christos, Pablo mentions), music (instrumental, hymns, vocal, Christian rock in Spanish), mentions of Transmundial, Bonaire and TWR, recorded top of the hour ID at 0300, "Bonaire... Caribe Hollandesa." Fair most of the time over CKLW and CJBQ to very poor. [Snider-ON]
- 800 **MEXICO** XEROK *R.Cañón*, Cd. Juárez, Chih. AUG 28 0251 - Spanish talk, jazz music (by Louis Armstrong I think), male and female talk on the hour with clear "Radio Cañón" ID. Fair at times to very poor mixing with CJBQ and CKLW. [Snider-ON]
- 810 **BRAZIL** ZYH589 *R.Verdes Mares*, Fortaleza SEP 5 0001 - Portuguese talk by man; in jumble with WGY, HJCY. [Connelly-MA]
- 810 **COLOMBIA** HJCY *Caracol Radio*, Bogotá AUG 24 0000 - *Caracol Radio* ID; dominant. [Connelly-MA]
- 810 **CUBA** *R.Progreso*, Guantánamo-Burene SEP 8 0900 - Good; canned ID with theme song, "Radio Progreso cadena nacional, la onda de la alegría, transmitiendo desde la Habana Cuba, primer territorio libre en América," parallel 640, 690, and 730 kHz. [Conti-NH]
- 820 **CUBA** *R.Relej*, Ciego de Avila AUG 26 0400 - Relej news and time; over WNYC and an anthem-playing other Cuban. [Connelly-MA]
- 820 **MEXICO** unID AUG 30 1200 - Romantic Spanish song, 1203 segué to a norteña, never mind any top of the hour ID's; weak and makes slow SAH with equally weak and nullable WBAP. Suspect it is the usual XEABCA Mexicali BCN. [Hauser-OK]

- 840 **CUBA** CMHW *Doblevé*, Santa Clara AUG 28 0000 - "Doblevé... desde Santa Clara" ID. [Connelly-MA]
- 840 **HAITI** *Radio-Télé 4VEH*, Cap Haitien-Petite Anse AUG 26 0001 - "Dashing Through the Snow" electronic interval signal, ID by man in French. {A} [Connelly-MA]
- 850 **CUBA** *R.Reloj*, Nueva Gerona AUG 31 1546 - Fair in 860 WGUL co-channel splatter. Something else seemingly Spanish threshold, probably *R.Progreso*, Trinidad, Sancti Spíritus. [Krueger-FL]
- 860 **BRAZIL** ZYJ459 *Radio CBN*, Rio de Janeiro AUG 31 0000 - WWDB signed off then Brazil atop with fast reverberated talk by man; over *Reloj* Cuban that had RR beeps. {A} [Connelly-MA]
- 870 **MEXICO** XETAR Guachochi, Chih. AUG 26 1202 - Vocal anthem by young adult chorus; sign-on routine at 1203 in Spanish and 2 or 3 Indian languages; mentioned address, 10000 wats, phone number(s), e-mail address, with numerous call letter ID's and "La Voz de la Sierra Tarahumara" slogans; also mentioned parent group the Sistema de Radiodifusoras Culturales Indigenistas de la Comisión Nacional para el Desarrollo de los Pueblos Indigenas [CDI]"; signal faded at 1208; had been good and on top prior to that. [Wilkins-CO]
- 900.55 unID AUG 26 0401 - Het on high side of 900 *R.Progreso*. [Connelly-MA]
- 930 **MEXICO** XETLA Tlaxiaco, Oax. SEP 3 1137 - Fair; lively Spanish vocals by male and ID noted, mentions of "La Voz de la Mixteca" and call letters. *Relog* here. [Niven-TX]
- 940 **BRAZIL** ZYJ453 Rio de Janeiro AUG 25 2359 - Man in Portuguese, hymn; in jumble. [Connelly-MA]
- 940 **CUBA** *R.Progreso*, Sancti Spíritus SEP 8 0701 - Through unID Spanish, CFNV, and WKYK; canned ID with theme song, then chime marking the hour, parallel 640, etc. [Conti-NH]
- 940 **PUERTO RICO** WIPR San Juan AUG 24 0000 - WIPR mention in Spanish talk by woman; loud. {A} AUG 26 0001 - Woman with full ID, "Esta es WIPR, nueve cuarenta AM, San Juan, Puerto Rico"; dominant. {A} [Connelly-MA]
- 950 **MEXICO** XEOJN San Lucas Ojtlán, Oax. SEP 3 1128 - I thought I would check this frequency with KPRC Houston off the air since Hurricane Harvey, I was rewarded with a new logging. They were playing nice ballads sung in Spanish with orchestral backing. At 1130, a female came on with "...XEOJN La Voz de Chinantla" very clear, then a minute later with full ID by male and female. There was mention of a website. *New* here. [Niven-TX]
- 970 **CUBA** *R.Guamá*, Los Palacios-Andresia AUG 31 0201 - Under WZAN; music of hourly canned ID parallel 990 kHz. [Conti-NH]
- 990 **CUBA** *R.Guamá*, Pinar del Río-Politécnico AUG 27 0100 - Poor, under WDCX; music of hourly canned ID. [Conti-NH]
- 1000 **COLOMBIA** HJAQ, RCN, Cartagena AUG 9 0100 - Two men in Spanish parallel 760; over others. AUG 27 0000 - Man and woman in Spanish, RCN nuestra radio ID; fair on USB to dodge Spain 999 and IBOC slop. [Connelly-MA]
- 1000 **CUBA** *R.Granma*, Media Luna AUG 29 0300 - Under WMVP; music of canned ID followed by melodic chimes. [Conti-NH]
- 1000 **MEXICO** XEOY México, DF SEP 3 1115 - Noted with its usual big signal; "La Mejor" ID's and mentions of "Mil AM" as well. [Niven-TX]
- 1020 **CUBA** *R.Reloj*, Victoria de las Tunas AUG 26 0000 - *Reloj* program; dominant over other Spanish speaker. [Connelly-MA]
- 1020 **CUBA** unID AUG 27 0000 - Spanish talk mentioning *noche de sabado*, part of "Celebration" by Kool & the Gang. {A} [Connelly-MA]
- 1040 **BRAZIL** ZYK537 *R.Capital*, São Paulo AUG 27 0001 - Reverberated Portuguese talk by man; under station with Colombian-style rustic music. [Connelly-MA]
- 1040 **COLOMBIA** HJAI *R.Tropical*, Barranquilla SEP 2 2359 - *R.Tropical* ID; in jumble. {A} [Connelly-MA]
- 1050 **CUBA** *R.Victoria*, Las Tunas SEP 1 1012 - "Those Were The Days" in Spanish by non-Mary Hopkin, female announcer, "El Baúl de los Recuerdos" by Karina (a Venezuelan), same female mentioning the program includes songs from Colombia, Ecuador and Chile, so apparently an all-South American music show. Very good signal. [Krueger-FL]
- 1060 **CUBA** *Radio 26*, Jovellanos SEP 4 0400 - Under KYW and unID 1062 het; choral national anthem. [Conti-NH]
- 1070 **CUBA** *R.Guamá*, Guane AUG 27 0400 - Under CHOK; choral national anthem, then woman mentions *R.Guamá*, parallel 990 kHz. [Conti-NH]
- 1070 **MEXICO** unID SEP 2 1100 - Anthem from 1100, fade, back briefly with Spanish ballads and Mexi-tunes 1109-1120 fade-out and domestic co-channels. I'd have presumed XEIT *Exa*

- FM*, Ciudad del Carmen, Campeche, heard here before, but not parallel the Streema stream. [Krueger-FL]
- 1080 **CUBA** *R.Surco*, Ciego de Avila SEP 1 0300 - Under WTIC; melancholic vocal through the hour, parallel 1140 kHz. [Conti-NH]
- 1100 **BRAZIL** ZYK694 *R.Globo*, São Paulo AUG 9 0030 - Man in fast Portuguese; dominant after WHLI went off. [Connelly-MA]
- 1110 **CUBA** *R.Angulo*, Holguín AUG 25 0000 - Angulo fanfare and chimes parallel 740; dominant over jumble with unID Latin American (WBT in deep fade). [Connelly-MA] SEP 1 0800 - Under WBT; spacey music of canned hourly ID followed by doorbell chimes marking the hour. [Conti-NH]
- 1110 **MEXICO** XEWR Cd. Juárez, Chih. AUG 31 1200 - Several of the ubiquitous government PSA's; ID's only as "Cristo Rey Radio;" ad for a religious event, a MDT time check, and into talk at 1205 UTC. Fair for a few minutes. [Wilkins-CO]
- 1130 **MEXICO** unID AUG 19 1048 - Presumed Mexico, Mexi-tunes very poor, pointing northwest, no anthem heard at 1100 but by 1058, WWBF Bartow was up on day power and messing badly with and quickly lost. [Krueger-FL]
- 1130.373 unID SEP 5 0000 - High side het against WBBR. [Connelly-MA]
- 1140 **CUBA** *R.Musical Nacional*, Santa Clara SEP 1 0301 - Over/under *R.Surco* and WRVA; classical harp music of hourly canned ID. [Conti-NH]
- 1140 **CUBA** *R.Surco*, Morón AUG 30 0900 - Over/under WRVA; hourly canned ID, "Transmite CMIP Radio Surco..." [Conti-NH]
- 1170 **COLOMBIA** HJNW *Caracol Radio*, Cartagena AUG 29 0300 - Under WWVA; "¡Caracol Radio! más compañía." [Conti-NH] SEP 2 0000 - *Caracol Radio* ID's; good. {A} [Connelly-MA]
- 1220 **BRAZIL** ZYJ458 *R.Globo*, Rio de Janeiro AUG 27 0300 - Man in Portuguese, sweep tones; mixed with WHKW. [Connelly-MA]
- 1540.5 **PERU** OCU2X *R.Turbomix*, Cajamarca AUG 26 0300 - Carrier observed at 1540.500 kHz. Also observed unID steady s7 signal at 1540.113 kHz hetting CHIN (1539.984 kHz) and KXEL (1539.999 kHz). [Conti-NH]
- 1610 **ANGUILLA** *Caribbean Beacon*, The Valley SEP 1 0000 - Gene Scott preaching; over Indian music station. [Connelly-MA]
- 1620 **CUBA** *R.Bayamo*, Bayamo AUG 26 0100 - Over *R.Rebelde*; doorbell chimes and time check. SEP 3 0000 - Fair; canned ID, "Esta es CMKX Radio Bayamo, cadena provincial..." and chimes. [Conti-NH]

TRANS-PACIFIC DX

- 864 unID AUG 26 0900 - Weak het against 860 CJBC and WAOB. Measured 863.999/864.000 kHz. This one observed often at dawn, but never enough signal for audio. Could be Australia or New Zealand. [Conti-NH]

Transpacific carrier search: AUG 25 1135-1143 - 558 (Fiji?), 576, 594, 603, 612, 684, 693, 702, 756, 774, 882, 891, 1098 kHz, all looping west/southwest toward Australia/New Zealand except 1098 Marshall Islands west. AUG 27 1131 - 747 kHz from northwest, i.e. Japan. Full 9-kHz bandscan the next 5 minutes unfinds any others except finally 756 very weak but seems west/southwest instead of northwest; there is nothing DU greater than 10 kW on 756 kHz. AUG 29 1124-1128 - Presunrise here of 1201, only found from west/southwest 702, 828, and from west 1098 kHz. AUG 30 1139-1145 - Looping west/southwest 612, 657, 702, 738, 756, and 1035 kHz. Looping both west/southwest and northwest, or rather no nulls, 774 Australia and Japan. Looping west 1098 kHz. Looping northwest 747 and 828 kHz. 738 is interesting with Tahiti pest out of the way, there is a 50 kW in NSW. 1098 always assumed V7AB Marshalls. Northwest the big sigs from NHK Japan. 1035 would like to be Solomons, more powerful than the single Aussie, but weaker than the Enzedder. Nothing detected above 1098, but the higher end, especially 1200-1500 has heavier interference from all the domestics. SEP 5 1138 - Only 702 and 774 from west/southwest, probably Australia. I don't spend a lot of time doing this with only the DX-398 internal antenna, as I know I need more gain to succeed. Maybe if I ever get some signs of TP audio I will be motivated to get out of bed and fire up the NRD-545 and Wellbrook. [Hauser-OK]

CONTRIBUTORS

Anthony Capobianco, Sea Cliff NY; R390 with Kiwa Loop.
 Mark Connelly WA1ION, South Yarmouth MA; Microtelecom Perseus, cardioid-pattern SuperLoop 10m vert. by 11m horiz. (peak 165°, null 345°), cardioid-pattern SuperLoop 9m vert. by 20m horiz. (peak 90°, null 270°). {A} in entry indicates that audio can be accessed at www.qsl.net/wa1ion/doc1/audio_2017.htm.

Bruce Conti WPC1CAT, Nashua NH; WiNRADiO Excalibur, MWDX-5, variable termination Super/Ewe antennas 15 x 23-m 60° northeast and 15 x 23-m 180° south.
 Glenn Hauser, Enid OK; NRD-545 with ALA-330S or north/south not very long wire, DX-398 or PL-880 with internal antenna only, sometimes IC-R75 with ~100-ft east/west longwire.
 Terry L. Krueger, Clearwater FL; NRD-535, IC-R75, longwires, active loop, and AUG 31 Fort DeSoto Park FL; IC-R75 coupled to car power jack, active loop, draining car battery.
 James Niven, Cedar Creek TX; Elad S2, Drake R8, 140-ft DKaz, east 100 x 15-ft Ewe, west 100 x 15-ft Ewe, 150-ft longwire.
 Paul Snider, Welland ON; Elad FDM-S2, Pixel Pro 1B loop, MFJ-1020C as tuner.
 John Wilkins, Wheat Ridge CO; Drake R8, 4-ft box loop.

INTERNATIONAL NEWS

FIJI: "The Project for the Rehabilitation of the Medium Wave Radio Broadcasting in the Republic of Fiji," a documentary video by the Fiji Broadcasting Corporation, covers construction of the new 10 kW transmitter site for **558 and 990 kHz** and demolition of the old site. "The one thing that's really exciting about this is getting the whole coverage... we're talking about those who have not been able to get our AM frequency, or FM frequency," said Karalaini Koroi, Program Director, Gold. "So with this, even when you're traveling along the highway, when you reach a certain place where the FM signal drops, on the AM signal you're still able to hear us because it's that powerful." See the entire documentary at <https://swling.com/blog/2017/08/new-mediumwave-facility-for-fiji/> posted by Rob Wagner VK3BVW on the SWLing Post blog.

SLOVENIA: 918 *R.Slovenija*, Domzale was switched off September 4th, 2017 at 1205 local time. Here's the info I got from the engineer at Domzale: "It's true, yesterday at 12:05 locally we switched-off our central MW transmitter (**918 kHz**), mainly due to economical reasons. I'm afraid that it will stay switched off in the future, but - for now - in a stand-by mode (ready for transmission in a short time, if necessary). Our FM and DAB+ network is already sufficient for practically complete coverage of the country, plus there are other ways of delivering programme to our listeners abroad. This fact, relatively high costs of energy and maintenance, and diminishing audience of listeners on MW band led to the decision to cease with transmission on 918 kHz. That said, a few other MW transmitters will continue to operate - on location Beli Križ (549 and 1170 kHz) and Murska Sobota (558 and 648 kHz). These are transmitters with lower power output and smaller coverage, transmitting mainly radio programme for Italian and Hungarian minorities in Slovenia. Best Regards, Primož." [Patrick Robic, *mwdx*]

SPAIN: New RNE Regional/Local schedule, Mon-Fri UTC Summer (+1 in winter); RNE1/RNE5 05:45-06:00 Regional, RNE5 06:30-07:00 Local/Regional*, RNE5 10:25-10:30 Regional, RNE1/RNE5 11:10-12:00 Regional, RNE5 13:04-13:08 Regional, RNE1-RNE5 17:10-17:30 Regional. *Every region will decide what to do with 06:30-07:00. Castilla y León will be local 06:30-06:50 and regional 06:50-0:700. In Extremadura all will be regional. Sat-Sun; RNE5 07:05-07:15, RNE1/RNE5 11:30-12:00. [Mauricio Molano, *mwdx*]

SYRIA: *Sowt as-Shabab* (Vo Youth), Damascus heard on 666.000 kHz. [Mauno Ritola, *mwoffsets*]

73 and Good DX!

Musings of the Members

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

Paul Mount – P.O. Box 142, Morganville NJ 07751 pmountnj@aol.com

With the most recent eclipse, my interest was not so much viewing, as DXing. Parked in the driveway with my back to the sun, first I found about 8 frequencies that are blank during the daytime: 850, 1200, 1220, 1270, 1500, 1510, 1580, 1590, and set car radio buttons for each. Though occasional photos taken like selfies out the window towards the sun over my shoulder never did show any sun blockage, those frequencies came alive around 1430. Most of my catches were stations that come in at sunset anyway, but it was interesting to hear them at this hour in the summer: WLBR-1270 Lebanon PA, WFED-1500 DC, WJFK-1580 Morningside MD, WHGT-1590 Maugansville MD. The latter is a fairly new station, having somehow replaced WCBG Chambersburg PA in the region (that station also often came in at sunset). No sign of WMIZ-1270 Vineland NJ, which is one of the few NJ stations I haven't heard. (And I see them listed in the unreported stations list so it's not just me). At times, there were 2 stations fighting on 1590, also 1540, 1500, 1510. By about 1515 there was still some enhanced conditions, but it was also very hot so called it a day at that point.

Rick Dau – 4841 Holmes Street #304, Omaha NE 68117 drummer1965us@hotmail.com

[8/29/2017] Been a couple of years since I last visited this column, so this one's overdue. Traveled to Tim & Jill Noonan's place in Oak Creek, Wisconsin on August 19th for the 24th Annual Madison-Milwaukee Get-Together for DXers and Radio Enthusiasts. I was part of a group of about a dozen DXers that were treated before the GTG to a tour of Entercom Milwaukee's WSSP-1250, WMYX-99.1 "99.1 The Mix", and WXSS 103.7 "Kiss FM" by group CE Chris Tarr. Some interesting observations made by Chris about the imminent merger of CBS Radio and Entercom, why young college grads in the engineering field aren't being educated about how AM ground systems work, and about the future of AM radio in general. One of my favorite parts of the day was a sunset visit to nearby Bender Park on the Lake Michigan shore with DXers Chris Kadlec and George Greene and spending about a hour doing FM bandscans. With Chris' car facing the lake and backed against a cliff that hindered (if not outright blocked) many FM signals from metro Milwaukee making it to where we were, lots of FMs from the other side of the lake (Grand Rapids, Kalamazoo, Battle Creek, Michigan City, South Bend) were heard. Already looking forward to next year's Silver Year GTG in Madison, which has some special meaning to me as I was part of the original "Gang of 9" that attended the first GTG in 1994. I also attended Madison-Milwaukee GTGs in 1997, 1998, 2000, 2011, 2014, and 2015. Took a recent inventory of my MW DXing exploits over the years from various QTHs in the Midwest. My tallies are as follows -- from Iowa City, [Iowa \(10/26/1985-9/18/2013\)](#): 1375 domestics, 1430 overall (both numbers are estimates, but both are within 5 stations, give or take, of being on the money); from Spirit Lake, Iowa (5/20/1995-7/31/1996): 596 domestics; from Lafayette, Indiana (8/1/1996-8/1/1997): 150 domestics (estimated, but that's pretty close to being correct); from South Omaha, Nebraska (9/13/2010-present): 951 domestics, 1001 overall; from Davenport, Iowa (5/12/2014-present): 306 domestics, 313 overall. Many of you who've been in the NRC for a number of years will recall that my best success as a MW DXer came from Iowa City in the early and late 1990s, and the numbers above for that location bear that out. The best QTH, however, in terms of lack of interference from semi-local stations (since the 3 closest locals - all 5 kw or under - were 9-19 miles away!), was unquestionably Spirit Lake, Iowa. Had I spent more time there than just the 14+ months during which I was a resident, I surely would have topped 1000 by the spring of 1997 and could have reached 1500 with just a couple more years of DXing beyond that. The Iowa City and Spirit Lake logbooks are now retired, but the Davenport/Quad Cities logbook remains active, as I leave open the option of perhaps relocating there sometime before the end of 2019. 73, and see you all somewhere down the road.

DXing During the Solar Eclipse from Lake Wallowa, Oregon

Karl D. Forth, koolmotor@comcast.net

While most people were focused on the sky during the August 21, 2017 solar eclipse, I was after a new experience: BCB-DXing during an eclipse.

My wife and I were on a weeklong road trip to Idaho, Montana and eastern Oregon. We listened from Wallowa Lake State Park in northeastern Oregon, at the southern end of Wallowa Lake. We set up on a picnic table in the state park, using only a Sangean DT-200VX radio, small clock, and eclipse glasses. There were some people nearby, but not the large crowds and traffic that had been forecast for Baker City, further south. Lake Wallowa is in a valley with mountains on most sides, and limited groundwave signals. A few general observations:

Most skywave was observed about 20 minutes before and after the maximum of the eclipse (10:27 a.m. PDT, or 1327 EDT) At 1350 the skywave had noticeably decreased.

We noticed stronger signals from some of the stations that could be heard weakly before the eclipse, especially within 200 miles or so, but not a large amount of other skywave signals. Groundwave was limited mostly to Spokane and Lewiston signals, a few other Washington and Idaho stations, and few Oregon stations.

The only local station was KWVR-1340 Enterprise, Oregon.

The five other graveyard frequencies all had some activity. We heard one or two weaker signals on each graveyard frequency. The strongest was KRPL-1400 Moscow, Idaho, heard with ESPN ID 8/21 1256 with possible local ID, heard again 1337 with ESPN programming. This was the only GY signal that was readable during the eclipse.

On the regional frequencies, we noticed stronger signals from the nearby stations, but not more distant signals. For example, KKO0-1380 in Ontario, Oregon, was a station audible on groundwave, but enhanced and fairly strong at the eclipse peak. Many of the regional and clear channels had no readable signal during the 45 minutes of eclipse enhancement.

I was interested in hearing signals as far away as possible, so much of the limited time was spent in trying for the northwestern U.S. clear channels. KFBK-1530 and KSL-1160 were the farthest I was able to receive. Two others that I tried for but were not heard were KKOH-780 (420 miles) and KTWO-1030 (570 miles).

750 KERR MT Polson 8/21 1315 weak with vocal C&W music, looping NE and heard at the same time as KOFI. Presumed.

1000 KOMO WA Seattle 8/21 1318 presumed with ABC news coverage of solar eclipse, poor-fair.

1160 KSL UT Salt Lake City presumed 8/21 1335 fair signal with eclipse coverage, may have been network program. This was the second-farthest signal (410 miles) received.

1180 KOFI MT Kalispell 8/21 1309 fair signal with Vanity Fair, 70s music, KERR-750 heard at the same time, also heard 1340 with AM-FM ID, Bread and 70s mx.

1190 KEX OR Portland 8/21 1321 fair-good with local reports from several western Oregon locations about the eclipse, then Mark Steyn on Rush Limbaugh program.

1530 KFBK CA Sacramento 8/21 1338 Presumed good signal for a few minutes with Rush Limbaugh program with Mark Steyn. This was the farthest signal (515 miles) received during the eclipse.

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 96.

The Way Back Machine Videos:

A great look at a collection of antique radios from Ted Rogers.

<https://www.youtube.com/watch?v=qito06LUwsQ>

Northwest Broadcasters says that theatre on the air is still on the radio:

[Imagination Theatre](#) is returning to the [Kirkland Performance Center](#) four times a year for special live performances. The quarterly live performances will be broadcast as special events on [KIXI AM 880](#) Seattle. A special all-new Sherlock Holmes adventure is scheduled for 8 p.m., September 9 on KIXI. [KIXI release](#)

Bits and Bites from the NRC listserv:

From: Skip Dabelstein

Re: Two good articles

<http://www.radioworld.com/columns-and-views/0004/using-df-techniques-to-track-down-pirates/340185>

[http://www.southgatearc.org/news/2017/august/some-millennials-are-discovering-tv-](http://www.southgatearc.org/news/2017/august/some-millennials-are-discovering-tv-antennas.htm?utm_source=amateur-radio-weekly&utm_medium=email&utm_campaign=newsletter)

[antennas.htm?utm_source=amateur-radio-weekly&utm_medium=email&utm_campaign=newsletter](http://www.southgatearc.org/news/2017/august/some-millennials-are-discovering-tv-antennas.htm?utm_source=amateur-radio-weekly&utm_medium=email&utm_campaign=newsletter)

From: Paul B. Walker

Re: My listening post gave me a good laugh today

My listening post gave me a good laugh earlier today. Patio table with umbrella ... the antenna is a rectangle shape between those two speaker stands with PVC pipe on them in my neighbor's yard and driveway. Here's a picture of the antenna: <https://imgur.com/gallery/FIRca>

I can see my listening post from my apartment 150 feet away no matter what window I look out of. I was in the kitchen making breakfast today and one lady was walking by, saw the speaker stands ... and stopped and looked ... and I could see the look on her face ... clear bewilderment, confusion and OH MY GOSH, what is this contraption look on her face. She was gone by the time I walked downstairs and went outside.

From: James Niven, Austin TX

Re: Shortwave Band interference

Hi all, Here in the shack my AM band is very clear of any interference and I have no issues picking out weak stations, but the shortwave bands are covered in a kind of hash interference and only strong signals are being heard. Over the weekend, I turned off all the circuit breakers in the house and one by one turned them on until I found the device(s) causing the interference. It turns out the spectrum cable modem is the issue along with the two boxes on top of the TV's for the cable connection. These devices are powered by the external power pack. I am wondering if anyone has had any experience in tackling such noise or will the MFJ-1026 unit be effective enough to reduce or

remove the noise I am experiencing. Unfortunately, turning on the cable modem is out of the question as it's the Internet/TV and Phone services to the house, plus my wife uses the internet as well. Any suggestions are welcomed.

From: Paul B. Walker

Re: Shortwave Band interference and a request

I saw this subject line pop up in the preview window on my iPhone and before even reading the email I said "cable modem". When I lived in CA... I spent two days doing everything I could... emailed the power company, had them come out to tighten and check things ... got a bit better but I discovered it was ... my charter cable modem.

This is kind of an off topic post and kinda not. I'm on the air 7 nights a week 11pm to 5am central in Great Bend, Salina, Dodge City and Colby. I do my local shows thanks to technology from the east coast. I am wondering if there's anyone in or real near one of these cities who could record a bit of my show for me and send me a CD, cassette or mp3? I can and do listen online, but the radio geek in me wants to hear the on air signal and processing, etc. I haven't bothered asking station staff, because in many cases, small staff, multiple hats being worn, heavy work load, etc. Email me off list, walkerbroadcasting@gmail.com

From: Randy Stewart

Re: Sky and Telescope article

This is an article, published June 29, on the Sky & Telescope webpage. But if anybody missed it (I did, for one!)...

<http://www.skyandtelescope.com/2017-total-solar-eclipse/how-to-hear-the-solar-eclipse/>

From: Brandon Jordan

Re: Sky and Telescope article

I am heading to Mt. Juliet, TN with cameras and telescopes, and will also be doing SDR spectrum recordings there with a 4' x 33' ALA100 while also recording from my home QTH (east of Memphis) which is outside of totality. Hopefully should be some very interesting recordings to dig through.

From: Neil Kazaross

Re: Sky and Telescope article

LOL no mention of the E-layer for AM.

From: Rick Dau

Re: Sky and Telescope article

An interesting article, and it helps to answer (to an extent) what I thought AM might sound like at the height of the eclipse. One thing I had wondered about was the fact that all stations along the affected path will obviously be on day power while being heard, and if the regional channels would wind up sounding like a cacophony of signals stepping all over each other as a result. Doesn't sound like that will happen. I will be in Iowa City, Iowa on the day of the eclipse, where the sun will be 92% obscured at the eclipse's peak. I'm still pondering whether to spend that entire time DX'ing AM or spending it chasing beacons on LW, just to see how many 25-watters from mid-Missouri and southern Illinois will be able to make it up there at 1:00 in the afternoon.

One interesting thing about the article: the photo of the shadow of the moon on the Earth during the August 11, 1999 eclipse in Europe. It was an interesting 24 hours on Earth in regards to cosmic and meteorological happenings. The eclipse peaked at 1100 UTC in Europe. Roughly 7 hours later, a tornado rated F-2 struck downtown Salt Lake City, a place where tornadoes are virtually unknown. And, of course, the Perseid meteor shower peaked in the wee hours of August 12th. The tornado was Art Bell's lead story during his open on that evening's edition of "Coast To Coast AM" which I listened to on a farm road about 15 miles east of Iowa City while watching the Perseid.

From: Rick Dau

Re: 92.9 Lincoln NE Special Eclipse Programming

92.9 KTGL "The Eagle" of Beatrice/Lincoln is planning something rather special for Monday's celestial event. Beginning at 12:21 p.m. Central Time, the station will play "Dark Side Of The Moon" in its entirety, concluding with the album's famous final lyric "...when everything under the sun is in tune, but the sun is eclipsed by the moon" at 1:04 at precisely the moment that totality begins in the skies over Lincoln.

From: Rick Dau

Re: Total Eclipse of the DXer's Heart

Eclipse DX'ing on AM and Longwave was a total bust here. Storms came through at about 0700 CLT, but the lightning static stayed around for hours and essentially turned both bands into pans of frying bacon. Around 1230 CLT, I gave up and went over to FM, where I had much better results. Boosted my logbook here from 117 to 140 in a matter of a few hours. Tropo-like conditions, very nice. 73, Rick Dau on the road in Iowa City, Iowa

From: Steve Francis

Re: Total Eclipse of the DXer's Heart

99% totality here, I recorded 1590 only, WAIK Galesburg IL (497 miles) and WCGO Evanston IL (475 miles) mixing, loud at 2:34 EDT totality peak, a few weak unIDs under. Steve Francis Alcoa, Tennessee.

From: Randy Stewart

Re: Eclipse DX

We were at about 96% magnitude here in the Springfield area, and for about 15-20 minutes either side of the local 1:13 p.m. maximum. I did a manual bandscan (no SDR) and found conditions to be similar to what I'd get maybe an hour or two before LSS in November or December. Most all the skip reception seemed to be from the north, to about 300 or so miles out - stations I otherwise don't normally hear in daytime conditions. Strongest were things like WHO-1040, KFAB-1110, KTIC-840 West Point NE, and Chicagoland stations like WLS-890, WMVP-1000, and WVON-1690. Also KMOX-1120, normally very poor down here in SW MO during the day, was doing well. Certainly nothing "exotic," but interesting at 1 or 1:30 p.m. in late August. Randy Stewart Battlefield MO Yaesu FRG100B, Quantum QX Pro.

From: Neil Kazaross

Re: Eclipse DX

I took the day off to DX the eclipse and peak darkness here (about 85% so not really dark) was about 1:20 pm CDT. Things were late developing as even 1 pm ID time was worthless, unfortunately. But by 1:10 things started hopping especially the high end. I used my Perseus and South DKAZ noting cx were likely still somewhat AU and noting the long path of totality to my south. At about 1:10 1700 had KKLf's SS mx in nicely, but 25 minutes later it was WEUP all alone. By 2 pm ID time, I recorded but think almost anything DX worthy had faded away. I needed this eclipse to be half an hour earlier or later for hourly ID's. I have much to go over as I recorded the entire band for a long time. Only things of merit 100% ID when listening live were WKJV NC loud and WZYX TN, but I had Carolina mentions on other channels and plenty of southern accents. 73 KAZ Barrington IL with a lot of playback ahead

From: Mark Connelly

Re: Eclipse DX

In this area the eclipse maximum was approximately 65% around 2:50 p.m. EDT / 1850 UTC. The visual difference versus full daylight was just slight. I made MW Perseus captures of 2 to 4 min. duration at 15 minute intervals between 2 and 4 p.m. EDT (1800-2000 UTC). Antenna was a cardioid pattern SuperLoop with maximum gain south, -5 dB relative to forward (approx.) west and east, and -15 dB approx. north. Captures other than 2:30, 2:45, and 3 p.m. EDT (1830, 1845, 1900 UTC) show little evidence of skip effects. On the 1830, 1845, and 1900 UTC captures, the following were noted. The catches are mostly short skip rather than long haul items from the totality zone far south of here.

1660 and 1680 NJ, 1650 VA, 1690 MD, and 1700 NY better than typically weak groundwave.

1600 WWRL NY beating up WUNR MA; usually it's under.

1560 WFME NY much better than its typically weak groundwave.

1550 WSDK CT skip blowing out WNTN MA groundwave.

1540 graveyard like jumble rather than usual WXEX NH over WADK RI.

1530 "stuff" occasionally under WVBF MA ... WOBX NC?

1520 WIZZ MA good, obviously skip as groundwave is typically nil to mush.

1500 WFIF CT much better than usually weak groundwave level. WFED DC under.

1410 WPOP CT skip over groundwave WZBR MA / WHTG NJ.

1400 blob of stations before reverting to normal WOND NJ / WGIN ME blend.

1360 WDRC CT about even with usually-alone WLYN MA groundwave.

1350 WINY CT at much-better-than-groundwave. Bit of background growl probably WGPL VA which could be groundwave or skip.

1310 WICH CT fading up to loud and then down into jumble, so obviously some skip there.
 1210 WPHT PA occasionally 5-10 dB better than its typically weak groundwave. Much like winter midday.

1050 "Stuff" under WEPN NY probably WVXX VA.

Little of note below 1050 kHz. Other observation: 830 WCRN MA seemingly off air at all times checked. Threshold level 830 carrier probably WEEU PA. Mark Connelly, WA1ION South Yarmouth, Cape Cod, MA.

From: Doug Smith

Re: Eclipse DX

This is EXTREMELY preliminary. I have recordings of the entire band (plus LW and the 160-meter ham band) running for several hours. It sounds like maybe 30-45 minutes will be worth reviewing. The improvement surrounding totality is dramatic. I used a SDRPlay RSP1, connected to a 160-meter dipole. (center-fed antenna 264'/80m long, center about 20m/65' high) I recorded DC to 2MHz from 1645z (11:45am CT) to 2000z (3pm CT). For software, I used HDSDR to record (because it has a good scheduler. I work for a TV station which planned extensive eclipse coverage; staying home from work was not going to be an option.). I used Microsoft Remote Desktop to connect to the computer at home from my laptop at work 25 miles away. Strictly to verify the recording was working, although I did also sample the audio and take a few screengrabs of the waterfall display. I didn't listen during peak conditions - we had eclipse glasses & there was no way I was going to be indoors during totality. :) For playback I'm using SDRUno. There's no scheduler but Uno makes it much easier to jump around the recordings in the time domain. (to jump to totality, or to jump back a few seconds if one just barely misses an ID). I've not (yet) encountered anything drastically distant on the BCB, but I'm hearing a bunch of stuff I ordinarily only hear at night or on SSS/SRS. I did hear London, Ontario (VE3CSK) on the 160-meter ham band; he was talking to WD5R near Little Rock which is a pretty good haul for summer broad daylight on 1800KHz! My location is 25 miles/40km northwest of Nashville.

BCB catches so far: WXLW-950 Indianapolis, KWAM-990 Memphis (vs. local 980), WCRV-640 Memphis (vs. local 650 WSM), WIRL-1290 Peoria, WMBD-1470 Peoria, KSIV-1320 Clayton (St. Louis), KCJJ-1630 Iowa City.

Again, I have recordings and will certainly be pulling more stuff out of here. The X-band is normally empty at this site, except for a very weak signal from Huntsville, Alabama (1700) and weak but readable signals from the Tennessee DOT TIS stations on 1680 in Nashville. During totality, the band essentially filled -- no CHHA 1610 (the only full-power station on the frequency) but every other channel was full, usually with strong signals. Doug Smith W9WI Pleasant View, TN.

From: Bill Whitacre

Re: Grayland DXpedition August 2017

I was fortunate to visit again Grayland, WA and Florence, OR during the week of August 8 - 13, 2017 and erected a 160' DKAZ antenna at both sites facing around 250 degrees. Results were pretty mediocre with the highlight being getting a KiwiSDR to 'play' through the router at Casa Sea Esta [near the old Grayland Motel] so several other folks could have a listen. Thanks to Ralph Brandi for helping to get this going.

I'll be adding more things but 'loggings' are available for listening here

http://realmonitor.com/am_logs_grayland16.php

For those who haven't seen my logs before, I don't do traditional text loggings instead saving small sound samples as I go thru Perseus WAV files making them available on a webpage in a frequency vs. date/time table. They say a sound is worth 1000 words [or is that a picture?] Either way, I know I'd prefer to HEAR what someone else heard than have them describe it to me. Enjoy.
 Bill Whitacre Alexandria, VA

From: Brandon Jordan KM4PBQ

Re: Eclipse DX SDR Recordings

For anyone interested in DX'ing the MW band during the Solar Eclipse totality, I am offering WinRadio G33DDC recordings from Mt Juliet, TN. The 475 kHz to 1725 kHz recordings span from 12:12-12:41 PM and 12:57-2:55 PM. At this QTH the eclipse started at 11:59 AM, totality 1:27:37 - 1:30:03, and eclipse ending at 2:54 PM. Recordings via WinRadio G33DDC and a Wellbrook 4x33' ALA100N loop oriented along the NW/SE the eclipse path. From my initial listen, there is some very amazing propagation and unique eclipse-related broadcasts from daytime broadcasters to be gleaned. The recordings are 118 GB total size and will require a 128 GB thumb drive and can be

decoded via the free WinRadio G33DDC Excalibur software via <http://www.winradio.com/home/download-g33ddc.htm>.

Send your 128 GB thumb drive and 1\$ USD return postage world-wide and I will copy the recordings and return your thumb drive and you can DX the eclipse from Mt. Juliet, TN with the WinRadio software at your leisure. Mail to: SWL DX, P.O. Box 338, Rossville TN 38066.

From: Brett Saylor

Re: WNAH Eclipse DX Test

If you recorded the MW band during last Monday's eclipse you might want to check your recordings for the "eclipse propagation test" from 1360 WNAH, Nashville, TN that was on the air during the eclipse. See Thomas Witherspoon's blog for the details:

<https://swling.com/blog/2017/08/wnahs-solar-eclipse-propagation-test/>

They are looking for reports of reception and will QSL. I was able to hear their Morse code ID for two or three minutes right after totality here in central Pennsylvania on my Perseus recording. Brett Saylor State College, PA

More to come, I hope, on the eclipse of 2017.

73 for this time Shawn

Remember On A Clear Day You Can Hear Forever

August 2017 Rockwork 4 Ocean Cliff DXpedition

Perfect Weather Combines with Breakthrough Propagation

By Gary DeBock, Puyallup WA, USA September 2017

Introduction: Once in a great while everything seems to fall perfectly into place! After 12 Medium Wave DXpeditions to the sheer ocean side cliff near Manzanita, Oregon we had experienced everything from dicey weather, touch-and-go propagation and even turf claims by "sleeping squatters" as we set up our antennas in the predawn darkness. Despite the challenges we had established Rockwork 4 as the premier west coast location for chasing New Zealand MW-DX, even to the extent that the site had gained the nickname of the "Kiwi Cliff." But I was personally convinced that the location had far more to offer – and it was certainly going to prove it in a major way this time.



From August 1-9 an all-out effort was made to chase South Pacific DX at the sheer cliff, along with my DXpedition partners Tom Rothlisberger (from August 2-7) and Chuck Hutton (from August 1-3). Despite the ocean cliff's reputation as a magnet for dicey weather all 9 days were free of any rain, and practically free of wind. During each predawn antenna setup session we were treated to dazzling displays of the Milky Way galaxy in the skies above our DXing venue. This was far and away the most favorable weather any of us had ever experienced at this highly exposed site, and it almost seemed bizarre in comparison to the vicious wind and rain that pounded the Japanese visitors as we welcomed them in last year's July 2016 DXpedition.

My own DXpedition started with an overnight drive in from Puyallup, Washington in the early morning of August 1st, during which the largest collection of ferrite this side of the Ukraine rolled over the Columbia River bridge at the bizarre hour of 0200 local time. My Toyota Corolla was absolutely crammed with 5 very large FSL (ferrite sleeve loop) antennas, a creation of the U.K.'s Graham Maynard introduced in 2011 (which has probably provided early retirement options for the Ukrainian ferrite sellers on eBay). After arriving at the wild ocean cliff site at 1020 UTC (0320 local time) I set up the first FSL antenna to chase 1017-Tonga – which was very cooperative. As daybreak approached Chuck drove up, and we proceeded to check out the MW propagation on other frequencies. The very rare 2 kW Kiwi station 531-More FM (which has never been heard anywhere on the west coast except here) was pounding in at the strongest level I had ever heard, pretty much setting the tone for the propagation that we would experience for the rest of the week. Tom joined us on the next day, and participated in the Australian propagation bonanza on August



4th (during which we tracked down two Western Australia stations at over 9,000 miles, or 14,000 km).

Overall this August 2017 DXpedition has been far and away the most productive Rockwork 4 trip ever, with the two Western Australians (531-6DL and 558-6WA) received at decent levels, five stations received on 531 kHz alone (PI, More FM, 2PM, 4KZ and 6DL), 558-Fiji completely restored and reaching S9 levels, an S9 recording of 585-2WEB (confirmed by David Sharp), the best-ever signals from the Kiwis on 531 (More FM), 603, 657, 765, 936 and 1503, monster signals from 585-7RN and 639-5CK, multiple receptions of 1017-Tonga, etc. Even when we needed to dodge the “sleeping squatters” it was a lot of fun to share the cliff with my DXpedition partners Tom and Chuck, especially during the phenomenal August 4th session (when Tom and I both made out like bandits). I’m sure that both of us will remember that wild and wacky session for years to come!

All of these and the other South Pacific loggings below were received with Ultralight radios and huge “airport unfriendly” FSL antennas (guaranteed to cause security alerts at any TSA screening checkpoint). Signals which reached an S9 level are listed with a double asterisk (**). Special thanks is in order for Theo Donnelly, Andrew Brade, James Niven, Todd Emslie, Bill Whitacre, David Sharp, Walt Salmaniw and any others who assisted in the identification of the following stations (and especially to my DXpedition partner Tom Rothlisberger, who researched parallel stations for the two Western Australia loggings). You guys rock!

- 531 **AUSTRALIA** 2PM, Kempsey, 5 kW. Good signal at 1242 on 8/8 with call-in talk format and mentions of SRN member station 2LM at :11 and 1:11 into the recording (thanks to Andrew Brade for listening). <https://app.box.com/s/jztickg7d207ykg2re1c9jvtjokznf5>
AUSTRALIA 4KZ, Innisfail, 10 kW. On top of the frequency at 1258 on 8/4 with “4KZ Regional News” ID at :08 into the recording. Usually was under PI during the week with its oldies and TOH news format (thanks to James Niven for listening).
<https://app.box.com/s/jtq9cyi0te4bbri3tv7puzvt289fpsmx>
AUSTRALIA 6DL, Dalwallinu, 10 kW. ABC conversation format received once during exceptional conditions at 1253 on 8/4; content was matched by DXpedition partner Tom Rothlisberger (using Perseus-SDR recordings) to ABC LR network content on other frequencies. Very long range DX (9,050 miles/ 14,564 km).
<https://app.box.com/s/688ujh8qu23t7jl5dfuvwzsc6iudsw0e>
NEW ZEALAND More FM, Alexandra, 2 kW. This was a breakout DXpedition for the low-powered urban rock station, which sometimes dominated over the Kiwi co-channel PI and the other four DU’s received on this frequency. This local ad string was received at 1255 on 8/1, with a mention of “shoesunlimited.com.nz” at the 26 second point (thanks to Theo for deciphering) <https://app.box.com/s/lbmcaqqyvivedjx1j1ru5ihdcdydsem>. Another good-strength Kiwi ad string at 1342 on 8/1 with mention of the FM affiliate frequency “99.4” at 58 seconds into the recording (thanks to Theo for deciphering) <https://app.box.com/s/8ieycxra98wzvt3b0prv4x24ba4xitrr>. The usual super-short “More FM” ID (male voiced) is at the 28 second point of this recording featuring the station’s typical modern rock format at 1313 on 8/6.
<https://app.box.com/s/r4mf1dtjyonr47vtt88pdibwuedwydh>
- ** **NEW ZEALAND** PI, Auckland, 5 kW. The usual dominant station on the frequency, the Samoan (and other Pacific Island) language broadcaster was rocking at an S9 level with island music at 1248 on 8/8 <https://app.box.com/s/b391cdr1t9s4c7y4gp3kt9q1dxbgpj4j>
 Powerful R&B music at 1237 on 8/6. <https://app.box.com/s/xp2j1k6wjx1gs6eqco3w89is84koqzzh>.
 Another island music recording at a powerful level at 1303 on 8/19.
<https://app.box.com/s/ev4wupztu874jmrip7ffbwk1ypoinrtt>
- 558 **AUSTRALIA** 6WA, Wagin, 50 kW. Received during exceptional conditions at 1319 on 8/4 (the same morning as 531-6DL was received), this ABC-format speech was once again matched by DXpedition partner Tom Rothlisberger to ABC LR-network content on other frequencies. Received for the first time here in August of 2015, this reception matched the Ultralight radio DX distance record for reception in North America (at 9,138 miles, or 14,705 km) <https://app.box.com/s/cze5omzc1x01p28gpdo44wylhdl61l6y>
AUSTRALIA 7BU, Burnie, 2 kW. This low-power classic rock station in Tasmania was giving the rejuvenated Fiji some competition at times on the morning of 8/9, but in general was losing out. This classic rock recording with Foreigner’s “Urgent” was made at 1317 on 8/9; by fortunate coincidence Bill Whitacre had recorded the same song preceded by a “7BU” ID during his San Souci DXpedition down the coast on the same morning <https://app.box.com/s/78u9z9aogtsuf04c1xfawcnusxdqthpx>. Another classic rock song (“So Lonely” by the Police) at 1303 on 8/9. At the end of the recording there may be a muffled

partial ID according to Todd Emslie, but it's too tough for me to decipher (thanks to Todd Emslie). <https://app.box.com/s/fyync8y821ua6qx4js7rhrcmn3hcqipt>

- ** **FIJI** Radio Fiji One, Suva, 10 kW. One of the big surprises of the DXpedition, this formerly weak station is now a South Pacific powerhouse after transmitter and antenna improvements (which were entirely funded by the Japanese government). On most mornings it would reach a very strong level, as in this S9 recording of typical island music at 1318 on 8/8. <https://app.box.com/s/6b2fxp2ai8p44t38fih4dn1meffzocxi>. From the first day of the DXpedition (8/1), it was sounding pretty potent with its island choral music, as in this recording at 1307 on 8/1. <https://app.box.com/s/vprj88dgl97t4lcp5tx23edh31gorfd0>. On the second day (1302 on 8/2) this strong island choral music pretty much confirmed the station's rejuvenated status. <https://app.box.com/s/f2lkogkmloww9vo6uehffdqenh7v8l0i>. Exceptional conditions on 8/4 further boosted up Fiji's island music recordings at 1307 and 1323. <https://app.box.com/s/13ra6q2edyniegz3jnwii1nlu6dcoz05>; <https://app.box.com/s/ykjkqqfa59l7h2rfcedhudikwn8ayfye>. More exceptional conditions on 8/8 provided some of the strongest island choral music receptions of the DXpedition at 1313, 1323 and 1335 <https://app.box.com/s/tno4iqsiuaw1kx62i80y8rg722y15e4o>; <https://app.box.com/s/ca7tpo195gua5eayhc46evv9ix29e9oz>; <https://app.box.com/s/cujcqvht53ux7admegbqtuhp7tm00r9>. By the final day (8/9) Fiji had become somewhat of a pest. Here it is at 1315 smothering the frequency, until the 2 kW Tasmanian 7BU breaks through at 1317 with Foreigner's "Urgent" (for about a minute only) <https://app.box.com/s/eetboe8o71kohmuxxrqhg88uwecklnm4>.
- 567** **NEW ZEALAND** Radio New Zealand, Wellington, 50 kW. The ex-big gun has sounded relatively modest after the demolition of its old tower, but it could occasionally sound fairly strong, such as during this typical male-female conversation at 1239 on 8/6. <https://app.box.com/s/uk0aochlroo67tm1x0lm435fkva6dwz8>
- 576** **AUSTRALIA** 2RN, Sydney, 50 kW. This RN network big gun really pounded in during favorable Australian propagation (such as at 1315 on 8/9, during this music recording) but could lose out to the 2.5 kW Kiwi station Star during NZ-favored conditions. <https://app.box.com/s/3j0607fg6mzgidco3i3vz99ofuzl2cvi>
- NEW ZEALAND** Star, Hamilton, 2.5 kW. Buried by the Australian big gun 2RN until the 7th day of the DXpedition, the "dwarf Star" finally showed up at 1327 on 8/7 with Christian music //657. <https://app.box.com/s/e9ddentnlmrkxklayqgql1di62w2ezhc>
- 585** **AUSTRALIA** 2WEB, Bourke, 10 kW. One of the most amazing signals of the entire DXpedition, this rock music pounded in at an S9 level at 1335 on 8/8, soon after propagation had collapsed to most stations. Program Director David Sharp matched the song with his log, and in his e-QSL letter he noted that the recorded signal "is the strongest I have heard, to date, from the United States." <https://app.box.com/s/94b723294xp9i2chgdyznfnwixah3n4o>
- AUSTRALIA** 7RN, Hobart, 10 kW. In a snarl with co-channel 2WEB much of the time, it tended to have better performance overall than its 576 parallel. This typical ABC RN-network speech was received at 1243 on 8/3 <https://app.box.com/s/apyymncjp3ll32d027s691rv82bau3m2>.
- 594** **AUSTRALIA** 3WV, Horsham, 50 kW. Usually dominant over the lower-powered Star co-channels, this LR network big gun could really pound in when conditions favored it, such as at 1245 on 8/2 with typical ABC talk program. <https://app.box.com/s/m7d0fgnzhzsg1hhxawzm1mtzct5zudw>.
- NEW ZEALAND** Star Timaru/Wanganui, 5 kW/2kW. Although the low powered Kiwi network was occasionally competitive with the Oz big gun 3WV, it rarely dominated the frequency. One of those unusual times was at 1302 on 8/6, when its "Star News" had the edge over Australia. <https://app.box.com/s/xsgmjwzl4w66y5817s1dpj4fentg97ko>
- 603 **AUSTRALIA** 2RN, Nowra, 10 kW. Never before decently received at the "Kiwi Cliff," exceptional Australian-slanted propagation at 1255 on 8/4 pushed this RN network female speech (//576) far above the usual Kiwi big gun Radio Waatea. It was MIA on other days. <https://app.box.com/s/b3ouo1vej21e356j29usiqdszyldql8>
- ** **NEW ZEALAND** Radio Waatea, Manukau, 5 kW. Significantly stronger than in recent years (throughout the week), this Maori network powerhouse managed its best signal ever at 1303 on 8/8 with island music and Maori chants. <https://app.box.com/s/wruaavle3k3s4x9my9armbxl4od0369s>. Samoan island music at very strong level at 1256 on 8/1, and at 1312 on 8/6: <https://app.box.com/s/s594rz5pctqf9hahfhp7p1du2ajuzp0>; <https://app.box.com/s/2jfi2iplij9dcvyqepfcx0bw195z7nw7>. Mixing with 2RN during unusual Australian-slanted propagation at 1254 on 8/4: <https://app.box.com/s/i3mgrjxw0dwadrtc2c69x7f2f7h6qzua>.
- 612 **AUSTRALIA** 4QR, Brisbane, 50 kW. Rare appearance here //594 during unusual Australia-slanted conditions at 1312 on 8/4. <https://app.box.com/s/qrugsesht3r2hdlsh2tdthjtq0sbxif>

- 639 **AUSTRALIA** 2HC, Coffs Harbour, 5 kW. SRN format call-in talk program at good level (not //891) at 1310 on 8/3, previously heard running commercial ads. <https://app.box.com/s/8h3fcdmvzm2gslknf18r1f5z342ylxm9>
- ** **AUSTRALIA** 5CK, Port Pirie, 10 kW. A big surprise with huge ABC network signals //891 at 1307 on 8/7, this South Australian station was occasionally heard mixing with Oz co-channel 2HC on the other days. <https://app.box.com/s/o0jujrozx7w0wf7t4dnqq5dn7g20j0tr>
- 657** **NEW ZEALAND** Star, Wellington/Tauranga, NZ, 50/10 kW. Another Kiwi blowtorch with its best-ever signals during this trip, the Christian hymn music broadcaster was pegging the S/N readout with this music and Irish-accented sermon at 1215 on 8/1 <https://app.box.com/s/5hx8u4b0v4ivmd9wh40gkdk17utkb0fg>. More powerful signals with “Star News” at 1304 on 8/1, and with Christian music at 1250 on 8/2 and at 1310 on 8/5. <https://app.box.com/s/9zien3rdlj80pe61vmfsq8sz8jox26rg>; <https://app.box.com/s/wj5chv6w11ez7zgcxws077gqo9ofd5pr>; <https://app.box.com/s/q6bb88n9nm2b1irndlnu01ch37uizw0t>
- 666 **AUSTRALIA** 2CN, Canberra, 5 kW. Unusual appearance at the “Kiwi Cliff” during Australian-slanted propagation at 1320 on 8/6 //594. <https://app.box.com/s/63nkybe0oi440v5m58rowk2an3x9jbnf>
- 675 **NEW ZEALAND** Radio New Zealand, Christchurch, 10 kW The strongest RNZ frequency overall during the trip, it has replaced 567 after the demise of the latter’s old tower. This recording was at 1326 on 8/4. <https://app.box.com/s/7jept0n33syig1106axql1d6e1csbo2y>
- 702** **AUSTRALIA** 2BL, Sydney, 50 kW. The Oz LR network big gun usually had the edge over the Kiwi big gun Magic, such as during this ABC talk program at 1310 on 8/8. <https://app.box.com/s/ur43ihfmgka0d1p6bupbhch9ixc1nrvv>
- ** **NEW ZEALAND** Magic, Auckland, 10 kW. In a snarl with 2BL on most mornings, the Kiwi oldies broadcaster could occasionally take over the frequency completely when conditions strongly favored New Zealand (such as at 1309 on 8/19, on the way to Lincoln City). <https://app.box.com/s/i88e4c0wdyd4kv8tvdofsomtzmmyk2t5u>
- ** **Magic-2BL Mix**. When propagation favored both Oz and NZ (such as at 1320 on 8/4) the snarl between the Auckland oldies broadcaster and 2BL could turn catastrophic. Magic’s “Peace Train” song was pretty ironic. <https://app.box.com/s/l1ad8kdp1d8ciupd7qivvc54nknpxl>
- 738 **AUSTRALIA** 2NR, Grafton, 50 kW. Barely getting through oppressive KCBS splatter at 1328 on 8/9, but strong enough to confirm 702 parallel; a very noisy frequency all week. <https://app.box.com/s/ynmlgn3aj8vrb36yz4nb9dhpgs475o74>
- 756 **NEW ZEALAND** Radio New Zealand, Auckland, 10 kW. Sounding very clear (and //675) at 1338 on 8/9 with a major assist from the solid rock cliff, which greatly limited splatter from 50 kW pest KXTG (75 miles and 6 kHz away). <https://app.box.com/s/anomc4qcr64ezmoe8aykin4podyah1w7>
- 765** **NEW ZEALAND** Radio Kahungunu, Napier-Hastings, 2.5 kW. Although generally an underperformer throughout the week, freakishly good Kiwi propagation at 1258 on 8/4 propelled this Maori net 2.5 kW wonder to an overwhelming level with R&B music and a Maori net ID at the 1300 TOH (at 1:36 into the MP3). This meltdown-level recording was the strongest ever heard during 15 DXpeditions over 6 years <https://app.box.com/s/qvu2atw8b22qvi8xwkgp95riigd5mlca>. Another potent signal at 1258 on 8/5 features lots of Maori-accented Kiwi English. <https://app.box.com/s/nxbw4oexrw5svw83c3nd7jfcy282zb>
- 774** **AUSTRALIA** 3LO, Melbourne, 50 kW. This huge ABC signal with female speech at 1332 on 8/6 was recorded using a 3.5 inch (89mm) “Frequent Flyer” FSL antenna, which proves once again that when propagation is good you can have a lot of fun with a modest aerial. <https://app.box.com/s/60dye0v5k46o9zr066px103mmh4fes8b>
- NEW ZEALAND** Radio Sport, New Plymouth, 5 kW. In a loud mix underneath 3LO with Yankee-accented Fox Sports News relay at 1305 on 8/7; it generally was losing out to the Australian big gun all week. <https://app.box.com/s/ab5kderbjwe5635e9lufy3d2hei5vvtxi>
- 792** **AUSTRALIA** 4RN, Brisbane, 25 kW. Like its 576 parallel this RN network powerhouse could really blast in when conditions favored it, such as at 1305 on 8/7. <https://app.box.com/s/374oiz85qfveyyep3shmyqtjvvd0it>
- NEW ZEALAND** Radio Sport, Hamilton, 5 kW. Losing out to 4RN all week, the best that the Fox Sports News relay could do was show up underneath the Oz big gun, such as at 1306 on 8/7. <https://app.box.com/s/etcijdo5bq3xhkpwxyz9hibth5n6l4s>
- 828 **AUSTRALIA** 3GI, Sale, 10 kW. Not much of a horse race on this frequency as Radio Trackside failed to show up. The Oz big gun was usually around but fighting splatter, such as at 1325 on 8/8. <https://app.box.com/s/axqyrphgqnmzpvachg1wlk6hp3qxoipk>
- 837 **NEW ZEALAND** Radio New Zealand, Whangarei/Kaitaia, 2.5/2 kW. One of the voices in this mix was matched to 756, which was the last RNZ parallel available as propagation was

collapsing at 1345 on 8/9. The low power relays were apparently in a mix with Australia, but everything quickly faded before this could be confirmed.

<https://app.box.com/s/612iqralz1ylq8rp5gvims19y00mjuhu>

- 846 **AUSTRALIA** 2RN, Canberra, 10 kW. Not one of the stronger Oz stations but occasionally at decent strength, fighting the IBOC noise from KHHO as at 1242 on 8/9, //576.
<https://app.box.com/s/edp0neatndiqyzgs5e0ng1my6wtqg6e0>
- 855 **AUSTRALIA** 4QB/4QO, Pialba/Eidsvold, 10/10 kW Bad splatter at most times, such as at 1319 on 8/5 but still enough signal to confirm the 774 parallel.
<https://app.box.com/s/xh0gr9lobe3uwd8l7nhw2k05piwvr75a>
- 891p **AUSTRALIA** 5AN, Adelaide, 50 kW. An 890 Spanish pest usually covered this, but a few seconds of audio would break through occasionally, such as at 1314 on 8/8.
<https://app.box.com/s/0pm1yk4tro2r8dyrz8wxh4ggs65zoig9>
- 927 **NEW ZEALAND** Newstalk ZB, Palmerston North, 2 kW. Low-powered Kiwi relay just strong enough to check parallel with 1035 at 1308 on 8/9:
<https://app.box.com/s/vdhttgr1d1r0uf69rt4jtgr6y7gyno7>
- 936 **NEW ZEALAND** Chinese Voice, Auckland, 1 kW. The very low powered Kiwi ethnic station managed its best signal ever with Chinese male speech at 1304 on 8/9. Oddly enough it was dominant on the frequency over the Australian stations for most of the week:
<https://app.box.com/s/z8jbnptywt446a66kmpqqwzyuq0upsu>. Chinese female speech at almost the same good level at 1320 on 8/7: <https://app.box.com/s/k59fahu3g93b1cha02gyyas4co0endwq>.
UnID-Oz. Marginal DU English speech at 1330 on 8/8 but too noisy to check for LR network parallel. <https://app.box.com/s/ztaeb3j6t2zoe4b1ql9rfgdab9iz8gg4>
- 963 **NEW ZEALAND** Star, Christchurch, 10 kW. Fairly good level Christian music //657 at 1319 on 8/9; not a very good performer for most of the week.
<https://app.box.com/s/329zta572h18f3vgyha21i0d03t21za>
UnID-Oz. At least two Australian signals not //657 in this mix at 1328 on 8/8, but way too wild to sort them out. <https://app.box.com/s/27zx7uqcv065jwvh2tdrc6mll7znpp7i>
- 1008 **NEW ZEALAND** Newstalk ZB, Tauranga, 10 kW. Badly splattered by a domestic pest for most of the week, but enough of a talk format signal to confirm the 1035 parallel at 1324 on 8/7. <https://app.box.com/s/pwb45sqzphb3zmpz49p63utt5l8t5ba9>
- 1017 **NEW ZEALAND** Newstalk ZB, Christchurch, 2.5 kW. Marginal talk format signal barely strong enough to confirm 1035 parallel at 1319 on 8/8.
<https://app.box.com/s/wr6ojpagms9xxdd276of599jzj8uber0>
- TONGA** A3Z, Nuku'alofa, 10 kW. Another major target of the DXpedition, this island station cooperated with decent signals most of the time, but its sign off times were all over the map. This strong reception of the usual male announcer was at 1127 on 8/3, which is past the "usual" sign off time of 1103. <https://app.box.com/s/zjc64srpsqz6xplxl2v8o2i667qrvrc>. Island music at a fairly good level at 1036 on 8/1, during the "normal" broadcasting time <https://app.box.com/s/ef3lyfav23rqu7k86eqbw79xvkuks8oa>. Island choral music (apparent National Anthem) during "normal" sign off routine at 1102 on 8/2 <https://app.box.com/s/oijccc92lwz29gth8f7ba8dt7b5ipzxa>. The male announcer apparently then decides it's too early to sign off at that time, and sounds fairly potent at 1310 on the same date. There is no special sports event or other reason that I can determine for him to keep broadcasting after the "sign off." <https://app.box.com/s/oakgf4fnerq40h1qv0568lphm4mcetnb>
- 1026 **NEW ZEALAND** Newstalk ZB, Kaitaia, 2 kW. Despite low power, surprisingly good level female speech during call-in talk program at 1247 on 8/6, //1035.
<https://app.box.com/s/u562952qyj0n4izhipoo4972062m0qlx>
UnID-Oz. Weak music station under Newstalk ZB at 1250 on 8/5, but too wispy to check identity. <https://app.box.com/s/xreujg4l6mhh9avuly33ad74rpua5s7d>
- 1035** **NEW ZEALAND** Newstalk ZB, Wellington, 20 kW. Broadcasting call-in talk and occasional music, this would have been one of the best Kiwi signals except for a new west coast IBOC pest (which splattered over both it and its 1044 parallel). Despite the noise this station's awesome strength usually was sufficient to break through, such as at 1321 on 8/8.
<https://app.box.com/s/tmwvuo6ljm43dgceufepj9egcxjb356>
- 1386** **NEW ZEALAND** Radio Tarana, Auckland, 10 kW. Pretty strong on most days with its Hindu ethnic programming, this potent signal with female speech was received at 1253 on 8/1. According to Walt this is English (although I can't really understand it).
<https://app.box.com/s/rnz50cg9xv8duvz161jgymjr3xlp4q8h>
- 1503 **NEW ZEALAND** Radio Sport, Wellington/Christchurch, 5/2.5 kW. This was the best signal ever from the upper band sports relay at 1315 on 8/1 (and also the easiest Kiwi signal to understand, with a relay of Yankee-accented Fox Sports News).
<https://app.box.com/s/x2qfq4vcsdq2f8jvsusob1cbfjdj51x8>

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