



DX MONITOR

The official publication of the
International Radio Club of America

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IRCA welcomes **Blake Hailey** in Ft Worth TX. Seattle deadline for next issue – **Monday 9/25 6 PM PLT** (2 week break). IRCA is still looking for a **DX Test Coordinator** and backup **Editor-in-Chief**. I will have the **IRCA-NRC-DecalcoMania** convention report in the next issue (I'm still working on the pictures)... pb

NRC Log

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, US loose leaf format. This publication fits nicely into a 1" three-ring binder. 9,000+ updates since last year's 36th 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.

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73, **Wayne Heinen**, Editor AM Radio Log



IRCA PRESIDENT – Phil Bytheway – 9705 Mary NW – Seattle WA 98117-2334
E-mail: phil_tekno@yahoo.com

Recent IRCA Board of Directors activity:

Brandon Jordan has volunteered to combine **DXWW-E** and **DXWW-W** into **DXWW** and be the editor. This will relieve me of several hours/week putting DXWW-W together. There were no other volunteers (or interest for that matter).

27.2.6 Recombine **DXWW-E** and **DXWW-W** into **DXWW** with **Brandon Jordan** as editor.

All former IRCA Board of Director members voted in favor... passed! DXWW will be combined in the next DXM.

Note: Lynn just informed me that the new IRCA website is up and running. We should have an announcement in DXM soon!

This is my last act as IRCA President. Thank you to all IRCA members for your support. Please continue to support **Bruce Portzer** as he takes over as President!



BROADCASTING INFORMATION – Robert J Wien – 14051 Belle Chasse Blvd #415 – Laurel MD 20707
E-mail: wienbob@aol.com Phone: 301-477-3733 Column Deadlines: Saturdays

DATE OF COLUMN: September 9 2017 **Column data span:** August 26-September 9 2017, Data courtesy of Stationintel.com, FCC database and member contributions.

CALL CHANGES

FREQ	OLD CALL	CITY OF LICENSE	NEW CALL
1330	WITM	Marion, VA	WSNQ
1450	WLKW	West Warwick, RI	WPVD
1540	WTKM	Hartford, WI	WPPT

FORMAT, SLOGAN AND SILENT STATUS CHANGES

FREQ	CALL	CITY OF LICENSE	NEW INFORMATION
600	WSJS	Winston-Salem, NC	was talk, now Fox Sports Radio, old slogan: "The Triad's News Radio WSJS", new: "WSJS Sports"
810	WCKA	Jacksonville, AL	old slogan: "Alabama 810", new "Alabama 94.3/97.1 and AM 810"
820	KGWV	Burien-Seattle, WA	old slogan: "Seattle's Christian Talk", new: "820 AM The Word"
830	KLAA	Orange, CA	old slogan: "AM 830", new: "Angels Radio AM 830"
910	WPFB	Middletown, OH	old slogan: "Sacred Heart Radio 740", new: "Sacred Heart Radio 89.5"
970	WESO	Southbridge, MA	old slogan: "Emmanuel Radio 1230", new: "Emmanuel Radio Truth For Life"
1130	WAMB	Brazil, IN	was ESPN Radio Network, now Westwood One Adult Standards, old slogan: "1130 The Fan", new: "Timeless Classics 1130"
1170	WCXN	Claremont, NC	now silent
1200	WSML	Graham, NC	was ESPN Radio Network, now Fox Sports Radio, old slogan: "Triad Sports Network", new: "WSJS Sports"
1210	KGYN	Guymon, OK	was Westwood One Mainstream Country, now talk, adds slogan: "The Big Talker"
	KRSV	Afton, WY	old slogan: "Star Valley Country Music", new: "Black Mountain Country"
1230	WNEB	Worcester, MA	old slogan: "Emmanuel Radio 1230", new: "Emmanuel Radio Truth For Life"
	WMFR	High Point, NC	was ESPN Radio Network, now Fox Sports Radio, old slogan: "Triad Sports Network", new: "WSJS Sports"
	KYQT	Burns, OR	was silent, now country, adds slogan: "The Coyote"
1240	WULA	Eufalfa, AL	was silent, back on with new unknown format
1270	KVGH	Thousand Palms, CA	old slogan: "Valley 105.1", new: "Valley 106.5"
1300	WCLG	Morgantown, WV	was classic hits, now adult contemporary, old slogan: "Classic Hits 13 AM", new: "Morgan 92.1/1300"
1320	WCOG	Greensboro, NC	was ESPN Radio Network, now Fox Sports Radio, old slogan: "Triad Sports Network", new: "WSJS Sports"
1330	WAEW	Crossville, TN	old slogan: "WAEW Talk Radio 1330 AM", new: "WAEW Talk Radio 96.9 FM/1330 AM"
1340	KOLE	Port Arthur, TX	now silent

1380	WPHM	Port Huron, MI	was news/talk, now Westwood One NBC Sports Network, old slogan: "News/Talk/Sports 1380", new: "1380 AM WPHM"
1450	KFSD	Escondido, CA	was Spanish religion, now adult standards, old slogan: "Guadalupe Radio", new: "Station of Stars KFSD AM"
	WCJU	Columbia, MS	adds classic hits as secondary format, old slogan "The Talk Of Columbia", new: "Cool 104.9"
	KOBE	Las Cruces, NM	was news/talk, now Spanish hits, old slogan: "The News Talk Sport Authority", new "La Equis 92.7"
	WHKP	Hendersonville, NC	old slogan: "Where Heaven's Kiss Peaks", new: "WHKP 1450 AM/107.7 FM"
	WRNN	Myrtle Beach, SC	was sports, now classic hip hop, old slogan: "ESPN Radio 1450", new: "G 105.5"
1490	WCSV	Crossville, TN	old slogan: "The Ticket", new: "97.7 The Ticket"
	WPAK	Farmville, VA	was silent, back on with new unknown format
1500	WAKE	Valparaiso, IN	was classic hit, now new unknown format
1510	KSPA	Ontario, CA	was Spanish religion, now ethnic, old slogan: "Guadalupe Radio", new: "Vien Thao Radio"

MEMBER CONTRIBUTIONS

Sheryl Paskiewicz passes along the following dated 8/29/17:

1510 WRRD WI Jackson, now progressive talk, ex-ESPN Deportes (correction per Sheryl: City of license is Waukesha-ye ed).

Mike Sanburn of Bellflower CA passes along the following from Dennis Vroom dated 9/9/17:

980 KWSW Eureka, CA now using the slogan "EZ Radio".

Did absolutely nothing on Labor Day weekend except relax though did go out for a steak dinner. Reno convention was a complete success, thank Mike Sanburn for all his efforts into putting that together, I saw Dave Gordon's photos from the convention and they turned out great! Weather has turned significantly cooler here and the south has had to deal with both Hurricane Harvey and Irma, some stations were on emergency broadcast, hope everyone stayed as safe as possible. Looking forward to fall starting soon with better DX conditions! Thanks to Sheryl and Mike for the tips above! 73's. Bob Wien



CANADIAN RADIO NEWS – Dan Sys
E-mail: sysdan@gmail.com

For August 2017... September 1 2017

AM TO FM CONVERSIONS GRANTED

650	QC	Lebel-Sur-Quevillon	CBF-3	Move to 94.9. Will operate with 50 watts.
710	QC	Senneterre	CBF-1	Move to 95.9. Will operate with 115 watts.

PROPOSED AM TO FM CONVERSIONS

600	NB	McAdam	CBAX	Move to 95.5 with 50 watts.
900	BC	Nakusp	CBUM	Move to 91.3 with 50 watts.
1100	QC	Natashquan	CBSI-5	Move to 99.9 with 258 watts.

PROPOSED TECHNICAL CHANGES

960	ON	Mississauga	CKNT-cp	Relocate transmitter site. Power will remain 2,000 watts (days)/280 watts (nights).
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WESTERN DX ROUNDUP – Nancy Johnson – 2922 S Olivewood – Mesa AZ 85212-2923
E-mail: NancyJohnson@prodigy.net

WDXR DEADLINES: Sept 22, Sept 29, Oct 6, Oct 13, Oct 20, Oct 27, Nov 3, Nov 10, Nov 17, Nov 24 and Dec 1. Please use Eastern Local Time.

REPORTERS FOR THIS ISSUE:

- (RB) **Rick Barton**-PO Box 5503-Peoria AZ 85385 desertmoon_dxshack@inbox.com
RF-2200 and RS SW-2000629, Terk advantage loop
- (BB) **Bill Block**-Prescott Valley AZ billblock@cableone.net
(BB-ID) DXing in Boise, ID with 2010 Toyota car radio
- (GH) **Glen Hansen**-64085 Olson Road-Deer Island OR 97054 gbhansen2@outlook.com
DXing from Gardiner OR near Reedsport on Oregon coast with JRC NRD 535 and 1000' wire E-W
- (JCJ) **John Johnson**-2922 S Olivewood, Mesa AZ 85212 John_Johnson@prodigy.net
Icom IC-R75, 75' N-S longwire, 70' E-W longwire, Wellbrook ALA1530LNP
- (DV) **Dennis Vroom**-Kalama WA vroomski@gmail.com
JRC NRD 545, long wire 339', random wire 380'

OF SPECIAL INTEREST

- 920 KKGX **CA**, Palm Springs ex-KPSI (calls letters changed 6 months ago). 9/4 mixing with KBAD, KVEL nulled, 0046 numerous "920 AM Real Talk KGX" slogans. 0055 KKGX calls in promo. First time heard as KKGX. (JCJ-AZ)
- 580 KTMT **OR**, Ashland 9/7 1000 KTMT call letter ID, fair signal. (DV-WA)
- 740 KRMG **OK**, Tulsa 8/25 mixing with local KIDR, KCBS nulled. 0035 faded up with promo, "KRMG" calls into Brian Kilmeade Show. New for me. (JCJ-AZ)
- 790 KGMI **WA**, Bellingham 9/4 1000 good on top of channel with weather and many KGMI IDs. (DV-WA)
- 870 KRLA **CA**, Glendale 8/30 0105 many "The Answer" IDs, talk show regarding Texas flooding. Fair to poor. (GH-OR)
- 990 XECL **BCN**, Mexicali 9/1 2350 "12 seconds left in the 4th quarter," Calexico Bulldogs vs. Yuma Criminals, local spots. Fair-good, steady, alone on SW-2000629 with Terk loop. (RB-AZ)
- 1120 KANN **UT**, Roy 9/1 2345 live p-b-p baseball, sounds like Rockies vs Diamondbacks. (RB-AZ)
- 1160 KSL **UT**, Salt Lake City 8/21 1335 "What we're seeing here in Utah." Fair and steady, gone at 1350 recheck. A lot of channels had a mumble-jumble but nothing that I could identify. KSL not a big DX catch here, but it IS so near to eleven o'clock in the morning! (RB-AZ)
- 1200 WOAI **TX**, San Antonio 8/29 2000 very faint ID in the static and mixing with UnID (probably KYZZ). Very weak. (GH-OR)
- 1210 KGYN **OK**, Guymon 9/1 2340 HSFBS scores from various Kansas locations, "Liberal and Ulysses." Good over unID country station, on SW-2000629 and Terk loop. (RB-AZ)
- 1220 KDOW **CA**, Palo Alto 8/29 1930 ad for Pat Vattucci and assoc ID, big and strong like a local. Heard regularly but never this strong. (GH-OR)
- 1240 KSUE **CA**, Susanville 8/29 2230 with ID and Coast to Coast show. Weak and soon lost in the static/jumble. (GH-OR)
- 1260 KPOW **WY**, Powell 9/5 mixing with KTRC. Local KBSZ off the air. 0800 with "Your hometown radio station, KPOW 1260...Powell, your hometown radio station" into news. New for me. (JCJ-AZ)
- 1270 KAJO **OR**, Grants Pass 8/23 1025 in with classic rock and KAJO ID. (DV-WA)
- 1300 KCMY **NV**, Carson City 8/30 0300 sitting on this for an hour and a half! Finally an ID! C&W music sputtering in the static. New! (GH-OR)
- 1390 KENN **NM**, Farmington 9/1 2300 "Scorpions over Del Norte Knights 42-7." Legal ID at 2313. Very strong and steady on RF-2200. (RB-AZ)
- 1570 KCVR **CA**, Lodi 8/31 0100 ESPN format in Spanish, weak in the mix. Only one discernible. (GH-OR)
- 1610 WQOM846 **ID**, Boise heard 8/21 at 1740 with "Eclipse Info" fair to good signals while driving around Boise with Frank Aden. (BB-ID)
- 1700 XEPE **BCN**, Tecate (Tijuana) 9/1 2330 live p-b-p. WHAT! Turns out to be Navy Academy game ("The Midshipmen) and NOT HSFBS. Armchair reception on SW2000629 and Terk loop. (RB-AZ)

The new DX season is just around the corner. Beginning September 22 WDXR deadlines will once again be weekly! – Nancy 9/8 1900



CENTRAL DX ROUNDUP – John C Johnson – 2922 S Olivewood – Mesa AZ 85212-2923
E-mail: John_Johnson@prodigy.net CDXR reports ONLY: cdxr@ircaonline.org

RIDING GAIN

[EB-MO] **Eric Bueneman**, Hazelwood, MO **N0UIHEric@aol.com**
 CountyComm GP-5/SSB Gen 3 Ultralight receiver, Grundig AN-200 tunable loop

DOWN THE DIAL

- 1070 WNVY **FL**, Cantonment. 9/6 fair to poor signal, mixing with WDIA and WFNI. 0444 noted with promo for iPhone app, mention of Wilkins Broadcasting, "AM 10-70 WNVY Cantonment" legal ID at 0445. [EB-MO]
- 1170 KBOB **IA**, Davenport. 8/26 good signal, taking out KFAQ. 0553 noted with "The home of real country, 11-70 K-Bob" ID into Country format. [EB-MO]
- 1350 WSIQ **IL**, Salem. 8/30 fair to poor signal, mixing with KRNT, WARF. 0435 noted with "The all-new WSIQ" ID into Country format. Must have been on day power. [EB-MO]
- 1360 WIXI **AL**, Jasper. 9/5 fair signal over KSCJ, WSAI. 2010 noted with Urban AC format, "The heartbeat of the city, WJLD" ID. [EB-MO]
- 1370 WXCT **TN**, Chattanooga. 9/5 fair signal with ACI from KXFN 1380. 2024 noted with an adult album alternative format, "Pulse 98-Seven" ID. TN#115 at this location. [EB-MO]
- 1450 KNSI **MN**, Saint Cloud. 9/2 fair to poor signal, mixing with KMRY, WFMB and other stations. 0501 noted with "From the Country Financial studios, this is KNSI radio news" mention into local news. [EB-MO]

FLASHBACK

September 10 1966 issue of "DX Monitor" ... The new membership list showed 229 members ... various comments from members concerning the Milwaukee convention ... one article told about frequency checks and how to report them. // September 14 1991 issue of "DX Monitor" ... **Larry Godwin** of Missoula MT said he has rejoined the IRCA and that he was teaching accounting at the UoM ... **RC Watts** of Louisville KY told about attending the Kentucky State Fair and the radio station booths set up there ... **Steve Mittman** of San Pedro CA mentioned stations' coverage of the Persian Gulf War.

OPEN MIKE

Thanks to Eric we have a column this week. Next deadline in two weeks then we're weekly through the season. Have you joined this year's DX contest? I've already logged two newly heard stations since the contest started on the 1st. I want to thank all of you that voted for me for this year's TVA award. This is a very prestigious award. This column was typed 9-8-17. 73, John



EASTERN DX ROUNDUP – Eric Bueneman (N0UIH) – 631 Coachway Lane – Hazelwood MO 63042-1347
E-mail: n0uiheric@gmail.com DEADLINES: Friday 2359 ELT

TUNING THE DIALS THIS ISSUE:

- (KK-VA) **Kraig Krist** (KG4LAC), Manassas VA
 Winradio G33DDC software-defined receiver, Wellbrook ALA1530S+ Imperium loop
- (PS-ON) **Paul Snider**, Welland ON, Canada
 Elad FDM-S2 software-defined receiver, Pixel Pro-1B loop

ACROSS THE DIAL

- 540 WFLF **FL**, Pine Hills – 9/6 2130 noted with a Talk format, "News Radio 102.5" ID, local spots, PSA for United Way Panama City. A poor to very poor signal was noted, mostly over the usual WLIE. (PS-ON)
- 940 WMIX **IL**, Mount Vernon – 9/6 2236 noted with *The Jim Bohannon Show*, national spots, "This is 940 WMIX" ID at 2258. A fair at times, but poor to mostly poor signal under CFNV; a Spanish station was also heard; is this WCND? (PS-ON) (It may be WCND if they left their 250-watt day power on; another possibility is XEQ Mexico City – eb)
- WADV **PA**, Lebanon – 9/3 2307 noted with a Southern Gospel format, ad for a local business with a number in Area Code 717. No legal ID at the top of the hour; in fact, no ID of any kind was heard for over an hour. A good to sometimes poor signal was noted over usual CFNV; they must have left the day power on. (PS-ON)
- 1080 WNWI **IL**, Oak Lawn – 8/29 2243 noted with a version of "Hopelessly Devoted to You", upbeat dance music in a foreign language, ad for a children's reading program in English, station air time promo, call letter ID, gave phone number as (708) 201-9660 into more music. A poor to very poor signal was noted, but sometimes audible under WTIC and another talk station; confirmed via Tune-In Web stream. (PS-ON) (The other talk station is either WKJK Louisville KY or KRLD Dallas TX – eb)
- 1260 WCHV **VA**, Charlottesville – 8/31 0045 noted with mention of Fox News, The Dave Ramsey Show, national spots, missed ID at 0100, heard a weather forecast at 0103 with a WCHV ID. A poor to very poor signal was noted, mixing with WCCR, WSKO and other stations. (PS-ON)
- 1340 WTRN **PA**, Tyrone – 9/4 0604 noted with an Adult Standards format, "News coverage... The Voice, 100.7 WTRN" ID by a male announcer. 100.7 refers to W264BZ. The signal was noted mixing with two unidentified Talk stations and unidentified stations with pop music, Oldies and vocal music in Spanish. (KK-VA)
- 1350 WCHI **OH**, Chillicothe – 8/10 0456 noted with an Oldies format, "WCHI Chillicothe" legal ID. The signal was noted mixing with WGPL and unidentified stations with Fox Sports Radio, CBS Sports Radio, Talk and Country formats. (KK-VA) (The Fox sports station is WARF Akron OH, CBS Sports Radio may be WZGM Black Mountain NC and your Country station may be WTDR Gadsden AL – eb)
- 1380 WTYM **PA**, Kittanning – 8/26 0104 noted with the end of a weather report and a "1380 WTYM" ID before fading into the mix while trying to identify an unidentified Oldies station. A very poor signal was noted, mixing with other stations. (PS-ON)
- 1400 WXAL **AL**, Demopolis – 8/25 0528 noted with an Oldies format, "Thanks for listening to WXAL, the station..." ID by a female announcer. The signal was noted mixing with WAJL, WINC, WJMX, WPCE, WSIC and unidentified stations with sports talk and a Country format. (KK-VA)
- WSIC **NC**, Statesville – 8/25 0525 noted with "(The) WSIC News Team, keeping you informed" mention by a male announcer. The signal was noted mixing with WAJL, WINC, WJMX, WPCE, WXAL and unidentified stations with sports talk and a Country format. (KK-VA)
- WJMX **SC**, Darlington – 8/25 0635 noted with "News/Talk 1400 WJMX" ID by a male announcer. The signal was noted mixing with WAJL, WINC, WPCE, WSIC, WXAL and unidentified stations with sports talk and a Country format. (KK-VA)
- 1420 WCED **PA**, Du Bois – 8/25 0531 noted with "96-7 and 107-9 Connect FM" ID by a male announcer, referring to W244CH and W300BR. The signal was noted mixing with WHK, WKCW, an EWTN Catholic station (probably WCOJ) and an unidentified Country station. (KK-VA)
- 1440 WAJR **WV**, Morgantown – 8/25 0620 noted with mentions of "WAJR Morning News time" and "at the WAJR Anchor Desk" by a male announcer. The signal was noted mixing with WHKZ and unidentified stations with Oldies, vocal Gospel music and probably a talk format in French. (KK-VA)
- 1450 WTHU **MD**, Thurmont – 8/25 0659 noted with a "WTHU Thurmont, Maryland" legal ID by a male announcer. The signal was noted mixing with WRNN, WVAX and two unidentified Oldies stations. (KK-VA)
- WCTC **NJ**, New Brunswick – 9/4 0608 noted with mentions of "ways with WCTC" and Facebook by a male announcer. The signal was noted mixing with WFRA and unidentified stations with Fox Sports Radio and ESPN Radio. (KK-VA)
- WFRA **PA**, Franklin – 9/4 0559 noted with mentions of "Our studios", "WMGW and WFRA" by a male announcer. The signal was noted mixing with WCTC and unidentified stations with Fox Sports Radio and ESPN Radio. (KK-VA)
- WRNN **SC**, Myrtle Beach – 8/25 0659 noted with "The Grand Slam Home for the Worldwide Leader in Sports, ESPN 1450 WRNN" ID and mention of the station's mobile app by a male announcer. The signal was noted mixing with WTHU, WVAX and two unidentified Oldies stations, causing an echo with WVAM 1430. (KK-VA)
- 1470 WCLA **GA**, Claxton – 8/25 0612 noted with mentions of "You'll find", "The All-New '70s, '80s" and "93-7" by a female announcer. The signal was noted mixing with WJDU, WMBD and unidentified stations with talk in Spanish and vocal music. (KK-VA)
- 1490 WGCH **CT**, Greenwich – 9/4 0600 noted with "You're listening to the Voice of Greenwich, 1490 WGCH Greenwich" legal ID by a male announcer. The signal was noted mixing with unidentified stations carrying Christian teaching, ESPN Radio, Country and Oldies formats. (KK-VA)
- WXTG **VA**, Hampton – 8/25 0605 noted with a "102.1 the Tide" ID by a male announcer. The signal was noted mixing with WCVB and unidentified stations with Christian teaching and sports talk. (KK-VA)

1560 WKIK MD, La Plata – 8/26 0014 noted with a Country format. “WKIK” jingle sung by a female vocalist at 0016, mention of Country 102.9 WKIK-dot-com, followed by a “WKIK 102.9” jingle at 0023. A poor to very poor signal was noted, mostly under WFME, confirmed via Tune-In Web stream.(PS-ON)

TENTATIVE

1430 WDAL GA, Dalton – 8/25 0629 what sounded like an “ESPN 1430 WDAL” ID by a male announcer. Is WDAL Country or ESPN? The signal was noted mixing with WNAV, WVAM, and unidentified stations with talk, vocal music, and programming in Spanish and Chinese. (KK-VA) (WDAL is Country, and identifies as “Bulldog Country”. The ESPN 1430 you most likely heard is WVAM Altoona PA. Your Chinese UnID is CHKT Toronto ON – eb)

1470 WJDY MD, Salisbury – 8/25 0529 noted with “News Radio 1470” ID by a female announcer. The signal was noted mixing with WCLA, WMBD, and unidentified stations with vocal music and a talk format in Spanish. (KK-VA) (Both WJDY and WMBD use the “News Radio 1470” identifier – eb)

UNIDENTIFIED

1410 8/25 0620 noted with Morse Code sounding like “KMN”. The signal was noted mixing with KQV, WDOV, WPOP and unidentified stations with an Oldies format, vocal music and a talk format in Spanish. (KK-VA)

1430 8/25 0641 noted with a mix of Oldies and soft rock, “The Pick, Z (or V) 101.3 and 105.9” mention by a male announcer. The signal was noted mixing with CHKT, WNAV, WVAM and unidentified stations with ESPN Radio, Spanish, vocal music and talk. (KK-VA)

EDITOR'S NOTES

Thanks to Kraig and Paul for their logs in this issue. Last week, I got my copy of the 38th NRC AM Log from Universal Radio, and found that Kraig, Paul and your editor were among the contributors. Everyone in IRCA is welcome to contribute updated information on your local or regional AM stations to the NRC AM Log. 73 and good DX from NØUIH (The Florissant Valley Dial Twister)



DX WORLDWIDE – WEST – Temp: Phil Bytheway – 9705 Mary Ave NW – Seattle WA 98117-2334
E-mail: phil_tekno@yahoo.com all times UTC

This is my last DXWW-W as **Brandon Jordan** is taking over and combining DXWW-E and DXWW-W. Please report all foreign DX directly to him. Those folks that reported to the IRCA eGroup (which I has permission to use in DXWW-W), please report directly to **Brandon**.

TRANS-PACIFIC DX ROUNDUP

- 358 ALASKA KSE-27, Sitka. 1255 9/4 fair with weather forecast. (DV-WA)
394 ALASKA KA-20, Kodiak. 1240 8/29 fair signal with weather forecast. (DV-WA)
+1259 8/30 fair with area weather forecast. (DV-WA)
+1232 9/2 poor w/weather forecast. (DV-WA)
+1245 9/3 weak signal with weather forecast. (DV-WA)
+1258 9/4 good w/winds aloft forecast. (DV-WA)
411 ALASKA KAI-82 Iliamna. 1301 9/4 weak signal weather forecast. (DV-WA)
549 AUSTRALIA 2CR, Orange. Pop music //828 with a slight delay, poor strength, 1257 8/26. (NHP-BC)
558 FIJI Radio Fiji One, Naulu. Island vocals 1325 9/9, excellent strength, stronger than 560 at this time. (NHP-BC)
UnID. 1215 9/9 singing with fair signal briefly, signal faded and splatter took over. DU antenna. (DV-WA)
567 JAPAN JOIK, Sapporo, NHK1. 1307 8/30 weak with woman/man in Japanese. (DV-WA)
+1310 9/3 very weak with male speaker. (DV-WA)
+1324 9/6 poor signal. (DV-WA)
NEW ZEALAND Wellington, Radio NZ National. 1317 8/29 woman in DU English //837, 918 etc, excellent strength. (NHP-BC)
UnID. 1218 9/9 brief poor audio then faded out. DU antenna. (DV-WA)
576 AUSTRALIA 2RN, Sydney. Sports then weather //702 1304 8/26, good strength. (NHP-BC)
585 AUSTRALIA 2WEB, Bourke. Poor strength, with woman talking, DU English inflection 1302 8/26, not //576; also old pop song "Young Girl" 1322, also not //576. Verified by David Sharp that "Young Girl" was played on 2WEB at that time. (NHP-BC)
AUSTRALIA 7RN, Hobart. Surprise of the morning; peaking at this level just after the fanfare on the hour, "foreign minister Julie Bishop should be ashamed" 1301 8/15, good strength. Also similar level, man talking //792 1323 9/9. Has been surprisingly regular during reasonable DU conditions, but not this strong. (NHP-BC)
594 AUSTRALIA 3WV, Horsham. Interview with man by woman 1312 8/26 //612, excellent strength. This has been common through the late summer, sometimes better than 612, at least earlier on. (NHP-BC)
+1314 9/10 assuming the station over/under JOAK. (DV-WA)
+1344 9/11 very weak signal briefly with man talking DU English. Assuming 3WW. (DV-WA)
JAPAN JOAK, Tokyo, NHK1. 1308 8/29 woman in Japanese. Fair signal. (DV-WA)
+Very poor/poor 1245 8/30. (SR-AZ)
+1308 8/30 good signal with man in Japanese. (DV-WA)
+1323 8/31 weak with man in Japanese. (DV-WA)
+1329 9/1 weak with man/woman in Japanese. (DV-WA)
+1303 9/2 weak, man in Japanese. (DV-WA)
+1314 9/3 fair woman/man Japanese. (DV-WA)
+1327 9/4 fair with woman in Japanese. (DV-WA)
+1301 9/6 fair. Man/woman Japanese. (DV-WA)
+Man in Japanese 1306 9/6, excellent strength. (NHP-BC)
+1156 9/8 weak with man yelling. (DV-WA)
+Very poor 1258 9/9. (SR-AZ)
+1256 9/10 weak with man in Japanese. Good at 1320. (DV-WA)
+Very poor 1304 9/11. (SR-AZ)
603t NEW ZEALAND Manukau, Radio Waatea. Man in Maori presumably, then others reading short items, 1304 8/17, good strength; no parallel available on 765 at this time. But this has been heard a number of times //765 this summer, just not at this level, eg fair level with soft music //765 1301 9/9 and with rhythmic instrumental //765 1246 8/30. (NHP-BC)
612 AUSTRALIA 4QR, Brisbane. Woman talking excellent strength //702 1331 9/9. Also knocking down the walls with "this is Nightlife... ABC Radio" 1338 9/7 and "ABC radio across Australia", Nightlife mention 1305 8/26. (NHP-BC)
621 AUSTRALIA 3RN, Melbourne. Two men talking //576 1307 9/9, good strength, even readable in LSB due to aurora trashing domestics. (NHP-BC)
639 AUSTRALIA 5CK, Port Pirie. Woman talking, poor level, //891, slightly delayed 1304 8/15. (NHP-BC)
t JAPAN JOIP, Oita, NHK1. 1312 8/30 very weak signal guessing to be JOIP. (DV-WA)
648 JAPAN JOIG, Toyama, NHK1. 1327 9/6 weak w/man in Japanese. (DV-WA)
657 DPR KOREA Pyongyang, Pyongyang BS. 1318 8/30 fair signal, lousy audio. (DV-WA)
+1322 9/10 bits of audio. (DV-WA)
NEW ZEALAND Tauranga, 'Star'. 1325-1332 9/11 weak to fair with Christian music. (DV-WA)
675 NEW ZEALAND Christchurch, Radio NZ National. 6 short pips, last slightly elongated, time check then woman with news 1300 8/17, fair strength. (NHP-BC)
693 JAPAN JOAB, Tokyo, NHK2. 1330 9/4 very weak with woman in Japanese. (DV-WA)
+English lessons //774 1246 9/6, quite poor; without 690 splat, would have been quite readable. (NHP-BC)
702 AUSTRALIA 2BL, Sydney. "On ABC, Radio Sydney" 1310 8/26 by man, excellent strength. (NHP-BC)
+1318 9/8 weak with talk and //774 3LO. (DV-WA)
JAPAN JOKD/JOFB, Kitami/Hiroshima, NHK2. English lessons //774; very weak in splash, but English squeaking woman is very distinctive; first time heard this season 1216 8/28. (NHP-BC)

- 702 **NEW ZEALAND** Auckland, `Magic`. Fair level, with commercial to do with satellites and motor home 1300 8/29, into pop music after deep voiced man "Magic – feels good" just like Gary DeBock's referenced audio on the IRCA list. (NHP-BC)
UnID. A strong carrier was heard on 702 from WSW until 1217 8/30 fade out (LSR 1201). (RA-OK)
+1222 9/9 very weak audio with splatter. DU antenna. (DV-WA)
- 738 **AUSTRALIA** 2NR, Grafton. 1308-1310 9/8 Pop music //774 3LO. Fair to good signal. (DV-WA)
+Woman talking //774 1309 9/9, good strength. (NHP-BC)
+1351 9/11 guessing to be the station heard with woman/man and weak signal briefly. (DV-WA)
UnID. 1333 9/1 weak signal, DU English? (DV-WA)
+1227 9/9 weak with splatter. Woman singing. DU antenna. (DV-WA)
- 747 **AUSTRALIA** 4QS, Toowoomba, ABC. Woman and man talking //774 1321 9/9, fair level. (NHP-BC)
- 747 **JAPAN** JOIB, Sapporo, NHK2. English lessons 1249 8/29, fair strength; constant battle with 750 splatter. (NHP-BC)
+Very poor/poor 1235 8/30. (SR-AZ)
+Very poor 1250 9/2. (SR-AZ)
+1251 9/2 weak with heavy splatter. (DV-WA)
+Very poor 1250 9/3. (SR-AZ)
+1320 9/3 fair //774. (DV-WA)
+Japanese female speech at a temporary good level at 1318 9/6; strongest of the NHK stations this morning
<https://dreamcrafts.box.com/s/51kozaxdu7f2oahd4t3s51la80t0pyj0>. (GDB-WA)
+1236-1252 9/7 very poor/poor at times. 1300 TOH no pips heard. (SR-AZ)
- 756 **NEW ZEALAND** Auckland, Radio NZ National. Man in DU English, then woman 1246 8/17, IDed various times, //567, 675, good strength. (NHP-BC)
+1336 9/11 weak steady signal. Assuming the station with two men talking. DU English. (DV-WA)
- 765 **NEW ZEALAND** Napier-Hastings, Radio Kahungunu. Very weak music //603 1246 8/30. (NHP-BC)
- 774 **AUSTRALIA** 3LO, Melbourne. 1310 9/8 fair //738 w/pop music. (DV-WA)
+Sports announcer //594, no delay as with usual programming, 1247 9/9, good strength. Also noted at this level with man talking //612 1329 8/27. (NHP-BC)
+1235-1249 9/9 Rugby again. Does not match Radio Sport live stream. Regular programming on ABC live stream. Weak to fair signal in DU English. (DV-WA)
+1340 9/11 weak with two men talking. Assuming 3LO. (DV-WA)
- JAPAN** JOUB, Akita, NHK2. 1249 8/29 English lessons "It's starting to rain" fair with splatter. (DV-WA)
+Poor/weak 1241 8/30 with English lessons "is there anything you need for the party". Best level in months. (SR-AZ)
+**p** With male and female speaking @1306 8/30. Possible English lesson. I believe that is their typical programming for that time of day. (CB-CO)
+1322 8/30 fair signal and moderate splatter. Man in Japanese. (DV-WA)
+Occasionally very poor 1226 8/31. (SR-AZ)
+1325 8/31 very weak with a lot of splatter. (DV-WA)
+Very poor/poor 1245 9/1. (SR-AZ)
+**p** Brief, threshold audio was received with what sounded like a female speaking at 1310 9/1. (CB-CO)
+1335 9/1 weak signal, woman speaker. (DV-WA)
+Very poor/poor 1251 9/2. (SR-AZ)
+1235 9/2 weak. Fair 1306. (DV-WA)
+Very poor/poor 1251 9/3. (SR-AZ)
+1258 9/3 fair with splatter. Woman in Japanese. (DV-WA)
+1205 9/4 very poor; 1248 very poor; 1300 very poor with 3 pips and chime. (SR-AZ)
+**p** Providing the only audio, brief and weak with male and female speaking at 1311 9/4. LSR at 1331. (CB-CO)
+1311 9/4 good briefly //828. (DV-WA)
+Very poor 1231 9/5; 1300 TOH still very poor but 3 pips and chime come through easily. (SR-AZ)
+Weak audio was heard from JOUB, 774 with female speaking at 1302 9/5. (CB-CO)
+Has been producing decent to armchair audio since 1105 9/6. (CB-CO)
+1329 9/6 good w/woman Japanese. (DV-WA)
+Produced the only discernible audio at around 1201 9/7, briefly making it to fair quality with identifiable Japanese with male speaking and musical interludes. (CB-CO)
+1254-1258 9/7 very poor. (SR-AZ)
+English lessons after pips 1300 9/7: "hi, I'm Hannah Grace, thanks for joining us", excellent strength. When Asians have been in over the last month, this has been the most likely one to shine. (NHP-BC)
+1200 9/8 weak with pips heard under Radio Sport? (DV-WA)
+Very poor/poor at 1246 9/8. (SR-AZ)
+3 pips and chime at TOH 1300 9/9 very poor. (SR-AZ)
+1225 9/10 fair-weak with man in Japanese. (DV-WA)
+Advanced English lessons – singing "old MacDonald had a farm" poor at times, 1256 9/11. (SR-AZ)
- NEW ZEALAND** New Plymouth, Radio Sport? 1200-1230 9/8 assuming the station. Mostly weak, good at times. Rugby game. 3LO with talk program. Rugby game ended at 1230. 93,000 in attendance. (DV-WA)
- 792 **AUSTRALIA** 4RN, Brisbane, ABC National. 1256 9/8 DU English announcer. Weak signal. Faded out before TOH. (DV-WA)
+1251-1306 9/9 two men talking and news at TOH. News ended at 1305 with "this is ABC news". Fair with some fade out during this period. (DV-WA)
+Fair level, with man talking //585 1323 9/9. (NHP-BC)
+1342 9/11 weak with man/woman talking. Still around at 1353. (DV-WA)
UnID. 1224 8/30 weak with music. A lot of splatter. 4RN? (DV-WA)
- 819 **NEW ZEALAND** Tauranga, Radio NZ National. Man talking, poor strength //675 1154 9/8. (NHP-BC)
- 828 **AUSTRALIA** 3GI, Sale. Fair w/man talking //774 1313 9/9. (NHP-BC)
- JAPAN** JOBB, Osaka, NHK2. Man in Japanese //774 1223 8/13, excellent strength; hasn't been this strong since. (NHP-BC)
+1251 8/29 weak with man in Japanese. (DV-WA)
+A strong carrier signal (no audio) from Asia was monitored (probably JOBB) at 1131 8/30. (RA-OK)
+1332 8/31 poor with bits of audio heard. (DV-WA)
+1336 9/1 weak signal //774. (DV-WA)
+1314 9/2 fair. Talk about missiles in English. (DV-WA)
+1312 9/4 weak //774. (DV-WA)
+With what sounds like a weaker parallel of JOUB at 1227 9/6. (CB-CO)
+1329 9/6 good //774. (DV-WA)
+1308 9/10 very weak w/woman in Japanese. (DV-WA)
- NEW ZEALAND** Palmerston North, TAB Trackside Radio? 1309-1320 9/9 DU English by two men. Different than ABC live stream. Weak to fair at times with some splatter. Did not hear any race track talk. DU antenna. (DV-WA)
- 837 **JAPAN** JOQK, Niigata, NHK1. Very weak with man talking //594 1305 9/4. (NHP-BC)
- NEW ZEALAND** Kaitaia/Whangarei, Radio New Zealand National. Poor strength, pop music //567 1251 9/9. (NHP-BC)
- 846 **UnID.** Unknown language and station, very poor 1257 8/30. (SR-AZ)
- 855 **AUSTRALIA** 4QO/4QB, Eidsvold/Piaba, ABC. Woman talking, poor, //774 1309 9/9. (NHP-BC)
+9/9 two stations on channel. One with woman announcer and other with man announcer. Fair signal. (DV-WA)
- 864 **UnID.** 1333 9/9 fair-weak at times with Elvis cover song. Male announcer. DU antenna. (DV-WA)
- 873 **JAPAN** JOGB, Kumamoto, NHK2. Same as 774 program very poor/poor 1252 8/30. (SR-AZ)
+Man in Japanese //774 1327 9/7, poor level. (NHP-BC)
- 882 **NEW ZEALAND** Auckland, 'Star'. Soft music 1257 9/9 //963 which was even weaker. Also similar level, soft vocals //909 1323 8/29. (NHP-BC)
UnID. 0622 9/9 very weak with splatter from domestic stations on 880. Women singing. Religious program? Best on DU random antenna. 0635. Male announcer after music ended. (DV-WA)

- 891 **AUSTRALIA** 5AN, Adelaide. 8/29 guessing, with very weak signal with English? (DV-WA)
 +Presumed ABC poor, English man and woman talk, for about a minute, 1302 8/31 (sunrise 1315). (SR-AZ)
 +1302 9/8 weak signal with woman/man in DU English. (DV-WA)
 +Assumed with sports announcer //594, good level, readable even in LSB; 1301 9/9. (NHP-BC)
JAPAN JOHK, Sendai, NHK1. Pips at 1200 and 1300 9/6 followed by man, weakly in //594v. (NHP-BC)
- 909 **NEW ZEALAND** Napier, Star. Ballad 1237 8/29, as well as 1255; //882 at 1323 for ID; fair strength throughout. (NHP-BC)
- 918 **NEW ZEALAND** New Plymouth/Timaru, Radio New Zealand National. Poor with pop music //567 1317 8/29; quite rare here (two 2.5kw synchros). (NHP-BC)
- 963 **NEW ZEALAND** Christchurch, 'Star'. Female ballad //909 1316 8/28, poor level. (NHP-BC)
- 972 **REP KOREA** HLCA, Dangjin. Very poor/poor 1248 8/30. (SR-AZ)
 +Occasionally very poor 1231 8/31. (SR-AZ)
 +Poor 1252 9/1. (SR-AZ)
 +1253 9/2 weak w/heavy KUFO splatter. (DV-WA)
 +Very poor 1250 9/4. (SR-AZ)
 +1317 9/4 weak with heavy KUFO splatter. (DV-WA)
 +Very poor 1254 9/5. (SR-AZ)
 +p With weak audio at 1150 and 1233 9/6. (CB-CO)
 +1309 9/6 good signal. Man/woman speakers. (DV-WA)
 +Korean pop music at a brief good level above "Freedom 970" at 1313 9/6 <https://dreamcrafts.box.com/s/8fha23d5ugkepi8fkzvgwnhrxa4xik1m>. (GDB-WA)
 +1300-1306 9/7 very poor/poor at times. (SR-AZ)
 +Good strength with two men in Korean in Korean 1309 9/7. Also noted similar level 1243 9/6 with man in Korean. (NHP-BC)
 +Very poor 1250, 1301 9/9. (SR-AZ)
- 1008 **AUSTRALIA** 4TAB, Brisbane, Radio Tab. 1254 9/8 weak with call of horse race. (DV-WA)
 +1337-1338 9/9 race call, then next post time announced. Over another station. Weak to fair. Some splatter. DU antenna. (DV-WA)
NEW ZEALAND Tauranga, Newstalk ZB. Man in DU English 1322 8/29, fair strength, //1053. (NHP-BC)
 +1233-1250 9/8. Weak signal. Assuming the station with talk radio programming. Man interviewing woman. (DV-WA)
UnID. 0640 9/9 weak audio with man in English? Moderate domestic splatter. Best on random wire. (DV-WA)
- 1017 **TONGA** A3Z, Nuku'alofa. 1324-1341 9/8 steady weak signal with no splatter. Island type music, singing with string instrument. Song ended at 1331. Male announcer in Tongan. Matched Radio Tonga live stream at 1339. (DV-WA)
 +1340 9/9 weak heard briefly over stations with race track coverage. (DV-WA)
UnID. 1341-1344 9/9 weak signal over A3Z with race call. Faded out at 1344. DU antenna. (DV-WA)
- 1053 **JAPAN** JOAR, Nagoya, CBC. 1329 9/10 assuming JOAR very weak. (DV-WA)
NEW ZEALAND New Plymouth, Newstalk ZB. First noted 1319 8/29, ID'd //1008 at 1322; poor strength but two whole kilowatts – don't know where the other ZB's were. (NHP-BC)
- 1098 **UnID**. 1337 8/30 two stations here. Open carrier S-2 db with audio underneath. (DV-WA)
- 1116 **AUSTRALIA** 4BC, Brisbane. 1350 9/9 fair to good with American style DJ. Ad for pest control company. Gone by 1352. (DV-WA)
- 1134 **JAPAN** JOQR, Tokyo, NCB. 1259 8/29 assuming the station with weak signal and music. (DV-WA)
 +1319 9/4 very weak w/music. Splatter. (DV-WA)
 +1310 9/10 weak with woman in Japanese. (DV-WA)
UnID. Possible JOQR or HLKC 1134 with threshold audio at 1144 9/6. (CB-CO)
- 1143 **TAIWAN** Baisha, BEL3. Fisheries? 1335 9/6 very weak w/male speaker. (DV-WA)
- 1287 **JAPAN** JOHR, Sapporo, HBC. Man in Japanese 1320 9/7, good strength. (NHP-BC)
- 1323 **CHINA** Shuangyashan, CRI. Pop vocal 1151 8/9, fair strength; at 1159 it was weaker, but familiar stringed music before the hour was recognizable. Hasn't been this good since. (NHP-BC)
- 1386 **PHILIPPINES?** 1324-1330 9/2 not Japanese. Instrumental music and talk by man. Good at times before sudden fade out at 1361. Two listed on this channel from Philippines. (DV-WA)
 +1334 9/3 weak w/woman speaker and pop music. 1338 woman talking still weak signal. (DV-WA)
- 1503 **JAPAN** JOUK, Akita, NHK1. 1304 8/29 weak with man/woman in Japanese. (DV-WA)
 +1327 8/30 weak signal with man in Japanese. (DV-WA)
 +1331 8/31 very weak with Japanese talk. (DV-WA)
 +1323 9/1 weak signal with man in Japanese. (DV-WA)
 +Very poor with man talking 1257 9/2. (SR-AZ)
 +Very poor with man talking 1257 9/3. (SR-AZ)
 +1331 9/3 very weak w/man in Japanese. (DV-WA)
 +1333 9/4 weak w/man woman in Japanese. (DV-WA)
- 1548 **AUSTRALIA** 4QD, Emerald. Man and woman talking, poor but sneaking through 1550 splatter //612 1318 9/7. (NHP-BC)
- 1566 **REP KOREA** HLAZ, Jeju, FEBC. Very poor/poor 1232 8/19. 1235 very poor man speaking, English briefly just at sunrise 1310 presumed DU. (SR-AZ)
 +p Very poor 1238 8/30. Never did well today. (SR-AZ)
 +Very poor/poor 1253 8/31. (SR-AZ)
 +1329 8/31 very weak with some audio heard. (DV-WA)
 +Very poor 1231 9/1. (SR-AZ)
 +Very poor 1252 9/4. (SR-AZ)
 +Very poor 1235 9/5; very poor/poor 1256; very poor 1316 then gone. (SR-AZ)
 +p With weak audio at 1156 9/6. (CB-CO)
 +Woman in Japanese 1243 9/6, excellent strength; there was some audio from the earlier Chinese program too, but nothing like this level. Noted also with man in Chinese 1209 8/15, good level... the Japanese program got to this level a few times after 1230 on this date, but no better. (NHP-BC)
 +Japanese female speech at a good level at 1310 9/6; well above KZIZ splatter <https://dreamcrafts.box.com/s/0fpmbzfytwazy0ngkfv0xbqo6f8m5szu>. (GDB-WA)
 +1321 9/6 very weak signal. (DV-WA)
 +1240-1315 9/7 very poor. (SR-AZ)
 +Very poor 1246 9/9. (SR-AZ)
 +Very poor/poor at times 1302-1320 9/11. (SR-AZ)
UnID. 1317 9/1 very weak with Traveling Wilburys "In of the Line" Signal faded after song. (DV-WA)
- 1593 **CHINA** Changzhou, CNR1. Portentous stringed music 1201 8/9, one of CNR1's themes; man and woman talking 1202, Chinese inflection. Poor and not heard since. (NHP-BC)
- 1656 **UnID**. 1352 8/30 very weak with woman speaking. Language? (DV-WA)
- 1701 **UnID**. 1334 8/30 threshold audio in ECSS mode. (DV-WA)
- PAN AMERICAN DX ROUNDUP**
- 730 **MÉXICO** XEX, México, DF. 9/11 0400 – Mexican anthem, "W radio deportes", not heard in ages. Usually 730 here is XESOS way on top of CHMJ and XEHB. (TH-CA)
- 770 **MÉXICO** XEREV, Los Mochis, Sin. Was on top of channel with "Los 40" slogan. (TH-CA)
- 790 **MÉXICO** XENT, La Paz, BCS. Was on top of the channel with Radio Formula programming and XE anthem. (TH-CA)
- 930 **MÉXICO** XETLA, Tlaxiaco, Oax. In with a fair signal at 1137 9/3 lively Spanish vocals by male and ID noted, mentions of "La Voz de la Mixteca" and call letters were noted. RELOG here. (JN-TX)
- 950 **MÉXICO** XEOJN San Lucas Ojitlán, Oax. On 09/03 at 1128, I thought I would check this frequency since KPRC in Houston has been off the air since Hurricane Harvey, I was rewarded with a new logging. They were playing nice Spanish 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 logging here for me. (JN-TX)

- 1000 **MÉXICO** XEOY, México, DF. 09/03 at 1115, noted with its usual big signal. Noted with "La Mejor" ID's and also mentions of "Mil AM" as well. (JN-TX)
 1030 **UnID**. Trying to take advantage with KCTA off the air at present, I usually hear "Radio Centro XEQR", but all I heard was a jumble of Spanish speaking stations, no sign of XEQR, further listening to recordings is needed to see if there are IDs. (JN-TX)
 1050 **MÉXICO** XEBCS, La Paz, BCS. Was conspicuously absent. They are usually huge on this wire. Instead I had a weak signal from XED fighting with KTCT. (TH-CA)
 1150 **MÉXICO** XEUAS, Culiacán, Sin. 9/11 0423 – Radio Uas with usual classical music, playing Ravel's Bolero //web. (TH-CA)
UnID MÉXICO 9/11 0400 – Weak XE anthem under KAGO/KEIB. Pips about 20 seconds late. (TH-CA)
 1190 **MÉXICO** XEWK, Guadalajara, Jal. 9/11 0400 – Mexican anthem, "W Radio Guadalajara." (TH-CA)
 1300 **MÉXICO** XEJL, Guamúchil, Sin. 9/11 0430 – Grupo Chavez program //web stream. (TH-CA)
 1430 **MÉXICO** XEOX, Ciudad Obregón, Son. 8/31 strong in KLO null. 0445 with Spanish rap music. 0458 "XEOX" calls given twice, mention of Ciudad Obregón and Senora. New for me, Mexico #73 from Mesa. (JcJ-AZ)
 +1200 9/5 was in well with slightly revised slogan "ponte exa FM 106.5" so they have not fully moved to FM yet after all. The "ponte exa FM" is spoken by a female announcer and the "106.5" by a male announcer. //web <http://www.exafm.com/#/ciudadobregon/home> (Not heard in quite a while). (TH-CA)

THANKS TO THESE REPORTERS

- CB-CO **CRAIG BARNES**, Wheat Ridge CO (via eGroup)
 Drake R8A, NW corner fed loop, SW corner fed loop, FLG 100
 DV-WA **DENNIS VROOM**, Kalama WA (via eGroup)
 JRC NRD 545 + Drake R8B, 1) NW ewe, 2) SW ewe, 3) Long wire, 4) Random wire, 5) Bog NW 280'
 GDB-WA **GARY DeBOCK**, Puyallup WA (via eGroup)
 7.5" loopstick C.Crane Skywave + 15" FSL antenna, Stand-alone 3" FSL Tecsun PL-380
 JN-TX **JAMES NIVEN**, Austin TX (via eGroup)
 JcJ-AZ **JOHN C JOHNSON**, Mesa AZ
 Icom IC-R75, 75' N-S and 70' E-W longwires, Kiwa loop
 NHP-BC **NICK HALL-PATCH**, Victoria BC nhp@ieee.org
 Drake R8, RFSpace NetSDR; RFSpace SDR-14 running DX Fishbarrel program; north FLG-100 antenna, west FLG-100 antenna, 1m indoor box loop, 14m sloper, DXP-3 phasing unit.
 RA-OK **RICHARD ALLEN**, near Perry OK (via eGroup)
 WR-G313e, ALA1530LNP-NA. C Crane Skywave and Tecsun PL-380 with an 8-inch FSL antenna.
 SR-AZ **STEVE RATZLAFF**, near Sahuarita AZ (via eGroup)
 R75; 140' west DKAZ + FLG100 preamp
 TH-CA **TIM HALL**, Chula Vista CA (via ABDX eGroup)
 Perseus SDR-IQ, 560 ft unterminated BOG aimed SSE (NNW)



DX WORLDWIDE – EAST – Brandon Jordan – PO Box 338 – Rossville TN 38066
 E-mail: dxwww.irca@gmail.com all times UTC

Deadline – Sunday Midnight Central Time. **Note** – New email address for reports.

*** TRANS-ATLANTIC DX ***

- 531 **ALGERIA** Jil FM, F'kirina Wilaya d'Oum El Bouaghi. SEP 2 2330 – //549 with Arabic pop-rock with gimmicky autotune-effect male vocal; fair. [Connelly*Y-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*Y-MA]
 612 **MOROCCO** SNRT Al-Idaa al-Watania, Sebaa-Aioun. SEP 2 2330 – Arabic talk by man at only about 10% modulation on monster carrier. [Connelly*Y-MA]
 621 **CANARY ISLANDS//SPAIN** RNE1 synchros. SEP 1 2300 – Lush orchestral music, pips, Radio Nacional de Espana ID; to fair peak. [Connelly*Y-MA]
 684 **SPAIN** RNE1, Sevilla. AUG 27 0300 – Jazz, 5+1 pips, news intro including fanfare music, "Radio Nacional de Espana, servicios informativos" and "Buenas noches", Catalunya mention; fair through WRKO slop. {A} [Connelly*Y-MA]
 693 **UNITED KINGDOM** BBC Radio 5, Droitwich et al. SEP 2 2330 – Man in English; poor. [Connelly*Y-MA]
 738 **SPAIN** RNE1, Barcelona. AUG 27 0000 – //855 with 5+1 pips, a couple of Spanish words, fanfare music, Radio Nacional de Espana ID; to fair peak. [Connelly*Y-MA]
 783 **MAURITANIA** Radio 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*Y-MA]
 837 **CANARY ISLANDS//SPAIN** COPE synchros. AUG 26 0400 – Spanish news; in 840 Cuba slop.
 +SEP 1 2330 – Fast Spanish talk by man, teletalk; good. [Connelly*Y-MA]
 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 Espana, servicios informativos"; good. {A} [Connelly*Y-MA]
 954 **SPAIN** Onda Cero, Madrid. SEP 5 0000 – 5+1 pips, two men in Spanish; through slop. [Connelly*Y-MA]
 981 **ALGERIA** RTVA Chaîne 2, Algiers. SEP 1 2330 – Arabic male vocal and percussion; good. [Connelly*Y-MA]
 999 **SPAIN** COPE, Madrid. AUG 27 0000 – Start of news, man said "buenas noches"; through WINS IBOC. [Connelly*Y-MA]
 1008 **NETHERLANDS** Groot Nieuws Radio, Zeewolde. SEP 7 0120 – Dutch religious talk and song vocals. Good signal currently into Carbonear. [Willie-NF]
 1017 **SPAIN** RNE5 synchros. SEP 1 2330 – Man in Spanish; poor. [Connelly*Y-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*Y-MA]
 1053.03t **LIBYA** Libyan Jamahiriya, Tripoli. SEP 1 2330 – Presumed source of monster carrier with little or no audio. [Connelly*Y-MA]
 1062 **ITALY** RAI Radiouno synchros. AUG 26 0400 – Fanfare music, "RAI" mention in Italian talk; poor. [Connelly*Y-MA]
 1089 **UNITED KINGDOM** TalkSport synchros. 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*Y-MA]
 1098 **SPAIN** RNE5 synchros. AUG 26 0400 – News //1107; poor. [Connelly*Y-MA]
 1107 **SPAIN** RNE5 synchros. AUG 26 0400 – RNE news by man, Catalunya mention; to good peak.
 +AUG 27 0000 – RNE news intro //738; poor. [Connelly*Y-MA]
 1125 **SPAIN** RNE5 synchros. SEP 5 0000 – Woman with RNE news //855; poor. [Connelly*Y-MA]
 1152 **SPAIN** RNE5 synchros. AUG 26 0400 – RNE news intro //1107; in slop. [Connelly*Y-MA]
 1215 **UNITED KINGDOM** Absolute Radio synchros. AUG 26 0402 – Slow rock vocal; fair. [Connelly*Y-MA]
 1422 **ALGERIA** Radio Algerienne, Algiers. SEP 1 2329 – Arabic male vocal; through WASR slop. [Connelly*Y-MA]
 1503 **SPAIN** RNE5 synchros. SEP 1 2330 – Two men in Spanish //855; to fair peak. [Connelly*Y-MA]

*** PAN-AMERICAN DX ***

- 540 **DOMINICAN REPUBLIC** HICM, Radio ABC, Santo Domingo. AUG 9 0101 – Radio ABC ID; over others.
 +AUG 28 0000 – Radio ABC ID; fair, dominant. {A} [Connelly*Y-MA]
MÉXICO XETX, Nuevo Casas Grandes, Chih. SEP 3 0606 – multi-verse choral NA from WSW, suspected XETX, in the UT-6 zone, yes, full ID follows at 0609 for XETX. QRM nullable from Los Cuarenta music at much different angle, XEWA SLP. [Hauser-OK]
 550 **VENEZUELA** YVKE, Mundial, Caracas. AUG 26 0400 – Piano, then talk by man "Mundial... musical venezolano"; dominant. {A} [Connelly*Y-MA]
 570 **COLOMBIA** HJND, Señal Radio Colombia, Bogotá (El Rosal). AUG 26 0400 – Woman with Radio Nacional de Colombia ID; over WMCA. {A} [Connelly*Y-MA]

- 580 **MÉXICO** XEMU, Piedras Negras, Coah. AUG 30 1136 - XEMU with Spanish man and woman discussing petrol price rises expected at HEB, Walmart, affecting Piedras Negras, due to TX refinery floodings. [Hauser-OK]
PUERTO RICO WKAQ, San Juan. AUG 18 0001 – WKAQ Cinco Ochenta AM ID, affiliates list; over WTAG. [Connelly*Y-MA]
- 590 **CUBA** CMHI, Radio Rebelde, Santa Clara. AUG 18 0200 – Talk //600; under WEZE. [Connelly*Y-MA]
- 610 **BRAZIL** ZYL268, Radio 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*Y-MA]
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*Y-MA]
MÉXICO XEGS, Guasave, Sin. AUG 29 1132 – choral NA, ID mentioning 106.1 FM, Sinaloa song, so it's usual XEGS Guasave. Another one antheming on the semihour. Not //yet to 650 XETNT which is already programming. [Hauser-OK]
- 630 **PUERTO RICO** WUNO, NotiUno, San Juan. AUG 18 0001 – NotiUno ID under WPRO. [Connelly*Y-MA]
- 640 **VENEZUELA** YVQO, Union Radio, Puerto La Cruz. AUG 24 0001 – Union Radio ID; through static crashes. [Connelly*Y-MA]
- 650 **COLOMBIA** HJKH, RCN Antena Dos, Bogotá. AUG 18 0000 – "En Antena Dos... noticias deportivas"; over presumed Radio Progreso. [Connelly*Y-MA]
- p** **MÉXICO** XETNT, Los Mochis, Sin. SEP 3 0605 – multi-verse choral NA is playing, off about 0607* after I had tuned away to 540. Timing implies midnight in the UT-6 zone, probably usual dominant XETNT. [Hauser-OK]
- 670 **CUBA** Radio Reloj. AUG 29 0000 – Reloj ticks and beeps; mixed with usual Radio Rebelde. [Connelly*Y-MA]
- 680 **PUERTO RICO** WAPA, San Juan. AUG 9 0030 – Puerto Rico newstalk; under WRKO. [Connelly*Y-MA]
- 690 **BRAZIL** ZYH587, Radio Shalom, Fortaleza. AUG 26 0002 – Man in Portuguese, slightly over mess. [Connelly*Y-MA]
- 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*Y-MA]
- 709.93t **MÉXICO** XEDP, Ciudad Cuauhtémoc, Chih. SEP 7 0553 – big het against KCMO et al, loops WSW, 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. [Hauser-OK]
- 720 **COLOMBIA** HJAN, Emisoras Unidas, Barranquilla. AUG 9 0059 – Colombian anthem; to good peak.
 +SEP 5 0001 – Emisoras Unidas ID, fast music; over slop from huge 710 Cuba. [Connelly*Y-MA]
MÉXICO XEJCC, Ciudad Juárez, Chih. AUG 29 1158 – Spanish has overcome KDWN, 1201 choral NA, 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 Estéreo" ID; dominant. [Connelly*Y-MA]
- 740 **CUBA** Radio 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*Y-MA]
- t** **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*Y-MA]
- 750 **VENEZUELA** YVKS, RCR, Caracas. AUG 10 0300 – "RCR presenta..."; good.
 +AUG 28 0100 – "RCR, siete cincuenta AM" ID; loud. **{A}** [Connelly*Y-MA]
- 760 **BRAZIL** ZYH588, Radio 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}**
 +AUG 26 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*Y-MA]
COLOMBIA HJAJ, RCN, Barranquilla. AUG 25 0001 – Ascending notes, RCN ID.
 +AUG 26 0400 – Banco Popular advert, pips; over jumble. [Connelly*Y-MA]
- 770 **CUBA** Radio Rebelde, Victoria de las Tunas. AUG 10 2359 – 9-note sounder //670; under WABC. [Connelly*Y-MA]
- 780 **BRAZIL** ZYK279, Radio Caçara, Porto Alegre. AUG 31 0002 – Jingles and Radio Caçara ID's; briefly dominant. New logging. **{A}** [Connelly*Y-MA]
BRITISH VIRGIN ISLANDS ZBVI, Road Town, Tortola. AUG 25 2359 – Carib-accented man; to fair peak.
 +AUG 25 0100 – News by woman, ZBVI ID, US-accented man with weather, BVI Yellow Pages advert; good. **{A}** [Connelly*Y-MA]
VENEZUELA YVMN, Radio Coro, Coro. AUG 26 0400 – Venezuelan anthem; over low growl.
 +AUG 31 0000 – Atop with Radio Coro ID before later taking a fade under Brazil. [Connelly*Y-MA]
- 790 **VENEZUELA** YVXM, Radio Minuto, Barquisimeto. AUG 26 0400 – Venezuelan anthem; under WPRV. [Connelly*Y-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*Y-MA]
- 810 **BRAZIL** ZYH589, Radio Verdes Mares, Fortaleza. SEP 5 0001 – Portuguese talk by man; in jumble with WGY, HJCY. [Connelly*Y-MA]
COLOMBIA HJCY, Caracol Radio, Bogotá. AUG 24 0000 – Caracol Radio ID; dominant. [Connelly*Y-MA]
- 820 **CUBA** CMDE, Radio Reloj, Contramaestre. AUG 26 0400 – Reloj news and time; over WNYC and an anthem-playing other Cuban. [Connelly*Y-MA]
- t** **MÉXICO** XEABCA, Mexicali, BCN. AUG 30 1200 – romantic Spanish song, 1203 segué a norteña, never mind any TOH IDs; weak and makes slow SAH with equally weak and nullable WBAP. Suspect it is the usual XEABCA. [Hauser-OK]
- 840 **CUBA** CMHW, "W", Santa Clara. AUG 28 0000 – "Doblevé... desde Santa Clara" ID. [Connelly*Y-MA]
HAITI Radio-Télé 4VEH, Cap Haïtien-Petite Anse. AUG 26 0001 – "Dashing Through the Snow" electronic interval signal, ID by man in French. **{A}** [Connelly*Y-MA]
- 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*Y-MA]
- 900.55 **UnID**. AUG 26 0401 – Het on high side of 900 Radio Progreso. [Connelly*Y-MA]
- 940 **BRAZIL** ZYJ453, Rio de Janeiro. AUG 25 2359 – Man in Portuguese, hymn; in jumble. [Connelly*Y-MA]
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*Y-MA]
- 1000 **COLOMBIA** HJAJ, RCN, Cartagena. AUG 9 0100 – Two men in Spanish //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*Y-MA]
- 1020 **CUBA** Radio Reloj, Victoria de las Tunas. AUG 26 0000 – Reloj program; dominant over other Spanish speaker. [Connelly*Y-MA]
- t** **CUBA?** AUG 27 0000 – Spanish talk mentioning noche de sabado, part of "Celebration" by Kool and the Gang. **{A}** [Connelly*Y-MA]
- 1040 **BRAZIL** ZYK537, Radio Capital, São Paulo. AUG 27 0001 – Reverberated Portuguese talk by man; under station with Colombian-style rustic music. [Connelly*Y-MA]
COLOMBIA HJAI, Radio Tropical, Barranquilla. SEP 2 2359 – Radio Tropical ID; in jumble. **{A}** [Connelly*Y-MA]
- 1100 **BRAZIL** ZYK694, Radio Globo, São Paulo. AUG 9 0030 – Man in fast Portuguese; dominant after WHLI went off. [Connelly*Y-MA]
- 1110 **CUBA** Radio Angulo, Holguín. AUG 25 0000 – Angulo fanfare and chimes //740; dominant over jumble with unID Latin American (WBT in deep fade). [Connelly*Y-MA]
- 1130.373 **UnID?** SEP 5 0000 – High side het against WBBR. [Connelly*Y-MA]
- 1170 **COLOMBIA** HJNW, Caracol Radio, Cartagena. SEP 2 0000 – Caracol Radio ID's; good. **{A}** [Connelly*Y-MA]
- 1220 **BRAZIL** ZYJ258, Radio Globo, Rio de Janeiro. AUG 27 0300 – Man in Portuguese, sweep tones; mixed with WHKW. [Connelly*Y-MA]
- 1610 **ANGUILLA** Caribbean Beacon, The Valley. SEP 1 0000 – Gene Scott preaching; over Indian music station. [Connelly*Y-MA]

CONTRIBUTORS

[Connelly*Y-MA]

Mark Connelly, WA1ION, South Yarmouth, Cape Cod MA, USA (GC= 41.6931 N/70.1912 W) (grid FN41vq)

NOTE: **{A}** in entry indicates that audio can be accessed from link on the following page: http://www.qsl.net/wa1ion/doc1/audio_2017.htm

Receiver: Microtelecom Perseus

Antenna 1: Cardioid-pattern SuperLoop: 10m vert by 11m horiz (peak 165 deg, null 345 deg)

Antenna 2: Cardioid-pattern SuperLoop: 6m vert by 12.6m horiz (peak 75 deg, null 255 deg)

[Hauser-OK]

Glenn Hauser, Enid OK, USA

DX-398 with internal antenna only or PL-880; NRD-545 with ALA-330S inside E-W or inside random wire N-S; ICR-75 with E-W longwire; FRG-7 with NW-SE short wire

[Willie-NF]

Allen Willie, VOPC1AA, Carbonear, Newfoundland, Canada (GC=47°44'15N/53°11'46W) (grid GN37jr)

ICOM R-75 w/183m random wire to SE @ 135°

ANNOUNCEMENT

Hi folks. I have volunteered to take over the editorship of the DXWW-West column and have received approval to combine both columns into a single DXWW column. This change should be live starting with the first weekly bulletin #1746 (next issue). Also please note that I have created a new email dxww.irca@gmail.com specifically for submissions to the column.

73, Brandon



DX WORLDWIDE – II – Bruce Portzer – 6546 19th Ave NE – Seattle WA 98115

E-mail: bportzer@comcast.net

All times UTC unless noted otherwise

ASIA AND PACIFIC

AUSTRALIA: Seeing Craig's mention of hearing an announcement on 4WK 1359 about a move to FM, and finding no information about it on their website, I sent a query email to them. A prompt response from Kirsty Batchelor from 4WK Accounts/Administration today advises: "The new FM Frequency is 99.5FM and 4WK has been running on this frequency since the 10th August. 1359AM was shut down last night at 7pm and no longer will be running." (Bryan Clark, ICDX 22 Aug)

Here's 4WK's AM 1359 tower coming down:

https://www.facebook.com/4WKDarlingDowns/videos/1305325112911200/?hc_ref=ARRqpc5PEhGGq5SJeFy2RPLtjNRuw0fBS6ICqwJ0yhkZXPeCjCZSN0N6wuJp1pGMMNw&fref=gs&hc_location=group (Paul Walker, ICDX) (This move was for a translator only, 4WK's main station remains on 963 bp)

Since Friday last week I noted a relay of the Hindi station "Radio Rhythm" on 1692 kHz but with some local ads. It is audible all over the metro area, but best near the CBD – I guess because the listed transmitter site is in Osborne Park. The ERP appears to be around 20 Watts, although the ACMA lists the transmitter power as 400 W. (Tony Mann, ICDX 31 July)

CHINA: Pearl River EBS 1062 et al now IDs in English on the hour and half hour as "FM Ninetyseventyfour – Your Radio", All in Cantonese. (Tony Magon, RealDX)

FIJI: A NEWLY-rehabilitated medium wave AM infrastructure and transmission was launched by Fiji's Prime Minister Voreqe Bainimarama this morning. With the upgrade of the infrastructure, which is managed by national broadcaster Fiji Broadcasting Corporation (FBC), indicates 100 per cent coverage for the islands.

"That means every Fijian in every community in Fiji can now tune to clear and dependable AM signals that will broadcast programs on the Radio Fiji One and Gold stations," Mr. Bainimarama said. He said it also meant listeners would now have access to critical flows of information – programming on youth development, women's issues, health, agriculture and many other important topics.

Mr Bainimarama said while the wide range of programming brought information that could be extremely useful in people's day to day lives, added "the right to access information is one of the most important rights my Government is sworn to uphold". (The Fiji Times Online 11 Aug-2017)

Radio Fiji has posted an interesting documentary about its new transmitters on YouTube: <https://www.youtube.com/watch?v=VTLKeW-TmoQ&feature=share>. There's also a YouTube video of the Prime Minister inaugurating the new transmitters on August 11. https://www.youtube.com/watch?v=kOza_Ov7f48. These presentations are for the new transmitters on 558 (Radio Fiji 1) and 990 (Gold FM) (bp)

GUAM: Agaña stations KUSG 1350 and KVOG 1530 both went silent on 1 July, having lost their licensed transmitting site – they will look for a new one. (NRC)

HONG KONG: End of 24/7 BBC World Service on 675 MW in Hong Kong and digital radio switch off. Hi Glenn, I recorded the moments when Radio Television Hong Kong (RTHK) switched off their DAB+ digital radio service at 1600 UT on 03 Sep 2017: <https://youtu.be/millPqiZfHk> At the same time, they ended their 27-year 24/7 BBC World Service rebroadcasting on 675 kHz mediumwave: <https://youtu.be/w6ZdJww4Pxs> Hope your readers find those videos a little interesting. (YC Mar, Sept 4, DX LISTENING DIGEST)

According to various news sources, the BBCWS relay on 675 will be replaced with China National Radio Hong Kong Edition, mostly in Mandarin, apparently a special service tailored specifically to HK. BBCWS relay will continue overnight 1500-2300 UTC. (bp)

INDIA: All India Radio adds to massive digital radio deployment with four 100 kW and two 200 kW NX transmitters.

Hackett's Cove, Nova Scotia – Nautel Limited has shipped six additional high-power DRM-enabled MW transmitters for deployment at All India Radio, the largest digital broadcasting system in the world. Four 100 kW NX100 and two 200 kW NX200 transmitters were shipped to India in July 2017 for installation in six cities. The transmitters will be commissioned by Nautel's in-country partner Comcon in association with India's Prasar Bharati.

The July, 2017 shipment of 6 NX transmitters complements the 27 NX transmitters which are already on air with DRM transmission throughout India. The massive project has the goal of bringing digital radio to nearly a billion residents of the country. The new transmitters will be installed at All India Radio (AIR) facilities in Hyderabad, Jagdalpur, Vishakhapatnam, Bhawanipatna, Jeypore and Sambalpur. All 33 transmitters in the AIR project are configured for DRM30 operation.

Nautel NX high power transmitters occupy a very small footprint and offer the industry's highest efficiency (90%) along with AM precorrection, unmatched linearity and Nautel's exclusive, award-winning Advanced User Interface which provides commercial grade instrumentation, spectrum analyzer, logging, presets, local and remote transmitter control, email notifications and enhanced support services.

"Nautel is excited to partner with Comcon and Prasar Bharati on this extensive project," said Kevin Rodgers, Nautel President and CEO. "With this system fully deployed in all parts of India, AIR is uniquely positioned to serve the different dialects and regional needs of its billion listeners. It's a shining example of the capabilities digital broadcasting can provide throughout the world."

Nautel MW and FM transmitters will be demonstrated at the upcoming IBC show in Amsterdam on stand 8.C49. For more information on the All India Radio project, visit <http://www.nautel.com/AIR>." (Nautel Press Release via Alokesh Gupta, DX-India)

KOREA (SOUTH): There are no more Russian transmissions via FEBC Korea on 1566 kHz 1830-1900. (Hiroyuki Okamura 31.7 July 2017)

MICRONESIA: According to the Station Manager who I met at an ABU meeting in Honiara in mid-August, V6AI Yap operates from 7am-11pm Yap time [2100-1300 UTC], daily 7 days a week on 1494 kHz with 10KW. (Martin Hadlow, NZDXT)

NEW ZEALAND: We have confirmation from Dudley Scantlebury that the Gisborne Rhema station on 684 AM has closed down and the mast will be dismantled very soon. To take up some of the coverage of the old Gisborne AM station, Rhema broadcasts on 103.7FM in Gisborne and 92.5FM in Wairoa in Northern Hawkes Bay. The old Gisborne AM transmitter has been moved to Taranaki with Star using it at 5Kw on 612 AM. So, there are now stations carrying the Star network on 612 at Christchurch, Nelson and Taranaki. (Bryan Clark, NZDXT)

RUSSIA: see below

TIMOR-LESTE: Mediumwave is a thing of the past in Timor-Leste. 684 Radio Timor-Leste in Dili has been gone for several years now. 1404 Radio Timor Kmanek also in Dili was last heard, most irregularly, four years ago, and now remains just on FM. (David Foster, ARDXC)

TONGA: According to RNZ International on 4 July, the Tongan Government proposes selling off 49% of the Tonga Broadcasting Commission to private ownership. Reports from Tonga indicate this is the result of a political feud between TBC and the Government, as TBC would not take direction from the Prime Minister. (Bryan Clark, NZDXT)

EUROPE, AFRICA, AND THE MIDDLE EAST

DENMARK: Three new radio stations are due to launch in Copenhagen on MW within the next couple of months. The stations will be broadcasting on 846 (300 W), 927 (300 W) and 1440 kHz (power not yet confirmed, but max. allowed is 500 W). Two of the stations will be music based and the third all talk. (Stig Hartvig Nielsen, Ydun's Medium Wave Info 4 Aug 2017)

ERITREA: Voice of the Broad Masses of Eritrea – Programme 1 was observed on the off-channel mediumwave frequency of 950 kHz (WRTH indicates this is an 'alternative frequency') at 18:20 UT on 31 July 2017. Typical HoA music followed by vernacular news and sign-off with choral anthem, finishing at 18:32 UT – transmitter switch-off was at 18:36. This was monitored with fair to poor reception via a remote web SDR in Oman. Signal on (parallel?) 7150 kHz was too weak and noisy to confirm ID in the time available. Incidentally, this Oman rx gives good round-the-clock reception of the Saudi-based Radio Sanaa surrogate on 11860 kHz – It can be accessed via the portal at www.sdr.hu (David Kernick, DXLD 1 Aug)

FRANCE: Radio France 162 longwave is now regularly operating with 1100kw, after a trial period at 800kw. The weekly maintenance break on Tuesdays has been rescheduled to 8am to 12 noon, so there are no night outages anymore. The CSA received 4 expressions of interest for broadcasting on 162 kHz. But none showed how they could sustain operations, lacking a business model to cover the heavy operational costs. As a result, CSA decided not to open formal allocation procedures that in the end would lead to nothing. (Kai Ludwig 18 June via WWDXC Contact 7/17)

HUNGARY: The new facility at Solt, 540 kHz which replaces soon the old soviet TX. <http://www.nautel.com/solutions/digital-radio/2-megawatt-transmitter-antenna-hungaria/> (Tringer László, mediumwave.info 31 Aug 2017)

ISLE OF MAN: Intriguing announcement on the Radio Caroline website: "Caroline North – Our friendship with Manx Radio will extend further and longer than we imagined. The 1368 AM transmitter on the island that was scheduled for closure will now be overhauled to stay on air. Maybe we will have more to announce on the day." (The day is August 13th) <http://www.radiocaroline.co.uk/home.html> (Mike Terry, mwdx yg 4 Aug-2017)

Caroline North continues via Manx Radio and online, many listeners have told the station that they have found Caroline again after a very long time! Great programming. (Mike Terry, mwdx 15 Aug-2017)

LITHUANIA: According to the Lithuanian Ministry of Foreign Affairs, a new 200kw Nautel NX-200 transmitter has been inaugurated on 1386 kHz at Viešintos in northeast Lithuania to broadcast Radio Liberty programs in Russian to the Russian Federation, Belarus and Ukraine. The new transmitter will replace the old 75kw unit at Sitkunai, which worked for about 40 years. The US-funded broadcasting of Radio Liberty, launched in 1953 from West Germany, but was jammed in the Soviet Union. Between 1991 and 2012 Radio Liberty was allowed to operate within Russia, but since then has only been available on the Internet. (TASS report via Anatoly Klepov in Glenn Hauser's DXLD Yahoo Group)

MOROCCO: New LW transmitter planned for 207 kHz. After interruptions in broadcasting due to breakdowns, the longwave transmitter located between Azilal and Ait in the centre of Morocco will be replaced. A tender was launched for an AM / DRM radio transmitter with a power of 800 kW configured in two blocks of 400 kW and for the repair of the mast 300.50 m high. The names of the companies that won the offer will be known in a few days.

The station broadcasting on 207 kHz is Al Ida Al Watania [SNRT National Network], a general radio which offers varied programs ranging from information to culture through to entertainment, with a variety of musical programming. (Radios du Monde via WRTH FB group via BDXC via mediumwave.info 26 July-2017)

NETHERLANDS: Groot Nieuws Radio will continue using 1008 kHz until 28 February 2018 and possibly until 31 December 2018, if no maintenance is needed. Novec, the owner of the transmission facility, wanted to end broadcasting from the site but agreed to an extension. Listeners of the religious broadcaster had argued that the DAB+ coverage is not yet adequate, but the management of Groot Nieuws Radio can now use the additional months to work towards improving the DAB+ coverage. <https://www.grootnieuwsradio.nl/k/n663/news/view/103063/86103/groot-nieuws-radio-langer-op-de-middengolf.html> (1 August 2017 via Dr Hansjoerg Biener, mediumwave.info 7 Aug-2017)

RUSSIA: there are currently 18 active medium-wave stations in Russia: 2 in Moscow, 3 in St Petersburg, the rest in the Far East.

Freq	Station Name	City/Town	Region	Power
531	Autoradio	Yuzhno-Sakhalinsk	Sakhalin	5kw
612	Narodnoye (People's)	Radio Moscow		20kw
684	Radio Radonezh	St Petersburg	St Petersburg	10kw
738	WRN	Moscow		5kw
765	Vostok Rossii Birch	Khabarovsk		5kw
765	Vostok Rossii Bikin	Khabarovsk		5kw
765	Vostok Rossii Bogorodskoye	Khabarovsk		5kw
765	Vostok Rossii Vyazemsky	Khabarovsk		5kw
765	Vostok Rossii De-Kastri	Khabarovsk		5kw
765	Vostok Rossii Komsomolsk-on-Amur	Khabarovsk		20kw
765	Vostok Rossii Sovetskaya Gavan	Khabarovsk		5kw
765	Vostok Rossii Troitskoye	Khabarovsk		5kw
765	Vostok Rossii Khabarovsk			20kw
765	Vostok Rossii Zimmermanovka	Khabarovsk		5kw
765	Vostok Rossii Chegdomyn	Khabarovsk		5kw
765	Vostok Rossii Berry	Khabarovsk		5kw
828	Radiogazeta Slovo	Saint Petersburg	St Peterburg	10kw
1053	Radio Maria	Saint Petersburg	St Peterburg	10kw

See full list in of past and present MW stations at <http://vcfm.ru/radio/radio.php?band=am>

(Victor Rutkovsky in RusDX 928, via DXLD 7 June via BC-DX) Above list translated from Russian by Google Translate, via Bryan Clark NZDXT)

SLOVENIA: Radio Slovenija's transmitter in Domzale 918 kHz was switched off for financial reasons on September 4th, 2017 at 1205 Local Time.

Here's the info I got from the engineer at Domzale:

"Hello, Patrick!

It's true, yesterday at 12:05 locally we switched-off our central MW transmitter (918 kHz), mainly due to economic 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 (558/648 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, mwcircle 4 sept)

SPAIN: New RNE REG/LOCAL schedule from 04SEP2017.

Mo-Fr: UTC Summer (+1 in winter)

R1-R5 05'45-06'00 R

R5 06'30-07'00 L/R(*)

R5 10'25-10'30 R

R1-R5 11'10-12'00 R

R5 13'04-13'08 R

R1-R5 17'10-17'30 R

(*) Every region will decide what to do with this time. In Castilla y León will be local 06'30-06'50 and regional 06'50-07'00. In Extremadura all will be regional.

Sa-Su:

R5 07'05-07'15

R1-R5 11'30-12'00 (Mauricio Molano, mediumwave.info 4/9-2017)

SYRIA: Damascus Radio is active again on 567 kHz after being silent on that frequency for more than a year. Received today loud and clear in Northern Saudi Arabia. Transmitter Location: Adra, Damascus, Syria. However, the 666 kHz that was dedicated for Sout al Sha'ab and used the same transmission facilities is no longer in use, since that station was closed down for good. (Rawad Hamwi, WRTH fb group 26 Aug-2017)

UNITED KINGDOM: "Changes to some BBC local radio MW services. In January 2018, a small number of local radio MW transmitters will be turned off. As a result of detailed coverage assessments and a number of medium wave switch-off trials, we have decided to turn off 13 local medium wave transmitters. This will result in BBC Radio Sussex, Surrey, Humberside, Wiltshire, Nottingham, Kent, and Lincolnshire no longer being accessible on medium wave and reduced medium-wave coverage for BBC Devon, Lancashire and Essex. More information on why we are doing this can be found in the BBC blog.

These changes will not take place until January 2018 and we will be giving out more detailed information over the next few months. Listeners can also use the interactive transmitter tool to see how they can receive their local radio service on other radio and television platforms or use iPlayer Radio to access their local radio service." (<http://www.bbc.co.uk/reception/news/item82> 11 August 2017 via Dr Hansjoerg Biener mediumwave.info)

WESTERN HEMISPHERE

ARGENTINA:

1580 New license located to Charata, Chubut
1640 New license located to General Madariaga, Buenos Aires
1650 Radio Las Estrellas, Longchamps (BA239) ex. R.20 de Agosto
1660 New license located to Junín, Buenos Aires
1660 LRI232 Radio Ciudad de Nogoyá, Nogoyá (ER14) ex F.Pl. E: am1660@fibertel.com.ar (via Arctic)

Radio Zorobabel is a new Christian religious station that transmits on 1540 kHz. Its studios are located at Carmen de Areco 406, Barrio Santa Lucía, Monte Grande, Province of Buenos Aires. It belongs to the Assembly of God Church in Manzana 17, Lot 27, Barrio La Victoria, Monte Grande.
(via Arnaldo Slaen, Grupo Radioescucha Argentino)

LRI232, Radio Ciudad de Nogoyá, Nogoyá, Provincia de Entre Ríos, reported at 0820 UTC on 22 July on 1660, with identification: "Desde Nogoyá, Provincia de Buenos Aires, en 1660 kHz, la Voz de la Gente". (Arnaldo Slaen, Conexión Digital 30 Julio via DXLD)

Radio Cristo la Solución 1690 replied w/e-mail from contacto@cristolasolucion.com (Daniel Wyllyans, Nova Xavantina-BRAZIL via DX Fanzine 6/17)

BOINAIRE: TWR Bonaire 800 AM, informed me that on January 30 2018 power will be increased from 100 to 450 kW. Best regards, Max van Arnhem. (mediumwave.info 14 Aug-2017)

BRAZIL:

850 ZYL254 Radio Por um Mundo Melhor, Governador Valadares (MG33) delete. Migrated til FM.
930 ZYL237 Radio Ibituruna, Governador Valadares (MG87) ex Radio Globo (José Roberto da Silva Cunha, via mwc)

MEXICO: Monday 14 August marked the end of an era in Mexico City radio. The bulldog of La Más Perrona, a name in use at XEBS 1410 AM for 13 years, has been put down. It's been replaced by a new station in the same grupera format, "Bandolera 14-10 AM". <https://radionotas.com/2017/08/14/nrm-comunicaciones-lanza-bandolera-14-10-am/> (Raymie Humbert, Aug 15 WTFDA Forum via DXLD)

XEJPV 1560 AM in Ciudad Juárez has a new format – it is now sports "Radio Deportiva". <http://www.juarezdiario.com/juarez/inaugura-presidente-municipal-radio-deportiva-1560/> (Raymie Humbert, 10Aug WTFDA Forum via DXLD)

A Mexican radio institution turned 80 years old on 26 July. La Hora Nacional, the bane of every DXer who hears a Mexican at 10:00 on a Sunday night, began broadcasting on July 25 1937. Here we are, more than 4,300 airings later. It's still going, of course – there was a special edition last Sunday night to commemorate the historic occasion. They also have a special 80th anniversary logo on Twitter that looks pretty spiffy.
(Raymie Humbert, Phoenix AZ, July 26, WTFDA Forum via Glenn Hauser's DXLD Yahoo Group)

PERU:

1350 OCU6D Radio Municipal, Ichuña (MO16) – ex Radio OCU6D (Lars Simm, ARC)
1450 OCU6E Radio Santa Cruz, Ichuña (MO15) – ex Radio OCU6E //94.7 MHz
1560 OX6E Radio Frecuencia Perú 15-60, Arequipa (AQ30) – ex Ondas Maravilla and Radio Frecuencia 1330. Logged by several Nordic DXers on 1559.922.
Identified by Lars Simm via Henrik Klemetz, ARC.
1560 OCU4Z Radio Rumbo, Hualhuas (JN57) – ex. R OCU4Z. Email address is rumboradioactiva@hotmail.com (Fredrik Dourén, ARC)

PUERTO RICO:

580 WKAQ San Juan applies to extend STA, U1 4.5kw day and night
940 WIPR San Juan granted CP to U4 8kw/7kw, new site (18-25-36/66-08-09)
1300 WTIL Mayaguez, PR new format Spanish news-talk, slogan "La Poderosa"
1330 WENA Yauco granted CP to U4 1.5kw day and night, new site
1350 WEGA Vega Baja granted CP to U4 2.2kw nights from existing site.
1590 WGYA Guayama, PR has changed calls to WXRf (NRC)



DX FORUM – Richard C Evans – 3908 Grand Oak Ave Apt 4 – Indianapolis IN 46237
E-mail: REvans5435@yahoo.com DEADLINES: Saturdays

Deadlines: 9/23, 9/30, 10/7, 10/14, 10/21, 10/28, 11/4, 11/11 and 11/18

Eric Bueneman (NØUIH), 631 Coachway Lane, Hazelwood MO 63042-1347

On June 10 2017, I took delivery of an Ultralight receiver, a CountyComm GP-5/SSB Gen 3. For the first month of Ultralight DXing, I used the high-sensitivity AM antenna (smaller than my hand) that came with the receiver. I found the receiver to be excellent on the AM broadcast band; it also has shortwave in AM and single sideband modes, and a very good FM section. Even with the telescoping rod antenna, I can pull in the local FM relays and full-power FM stations in outlying areas. A month later, I added a Grundig AN-200 tunable AM loop, which is even better than the CountyComm antenna. It does an excellent job on the graveyard channels, especially at night. With the new Ultralight, I've logged ten new stations, including two call letter changes. I reached my 70th AM station from Wisconsin on July 15 at 0349 ELT when I caught WRDN 1430 with an ID and Country music. Local KZQZ was off for maintenance. 25 minutes later, at 0414, I logged my 50th Indiana AM when WBNL 1540 Boonville took out KXEL with an ID and Easy Listening music. On August 22 at 0600, I logged my 1,700th AM at my present location when I pulled in a legal ID and CBS News from WBEX 1490 Chillicothe OH. On August 21, I had the radio on instead of being outside to see the total solar eclipse. I missed being in the area of totality by 15 miles; I was more interested in finding out which stations I pulled in during the eclipse. Semi-local WQQW 1510 Highland IL was overtaken by WLAC during the eclipse, while local KATZ 1600 was nullable; they were probably on night power and pattern. KBOA 1540 Kennett MO was taking out WSMI at 1421 with Adult Standards and mention of AM 1540 and 98.7 FM (WGCQ Hayti MO). WCKY 1530 Cincinnati OH practically obliterated WLIQ at 1424 with NFL talk and an ID mentioning Cincinnati. A big surprise was Morse Code on 1360 at 1435 before WNAH Nashville TN identified in voice mode, mentioning the eclipse and QSL cards for correct reception reports. WLIJ 1580 Shelbyville TN topped the channel with an ID and Country music at 1443. WSLM 1220 Salem IN took out KLPW at 1450 with call letters and Country music. KRHW 1520 Sikeston MO was noted with call letters and Classic Country music at 1453. The signal enhancement from the solar eclipse faded by 1500. The next eclipse will be in April 2024, and the peak of totality will be east of St Louis. 73 from the Florissant Valley Dial Twister.

Larry Godwin, Missoula MT. E-mail: lowaTiger73@Gmail.com

Hi, everyone. At the peak of the eclipse (the sun 92% obscured here), I found four stations of interest, ones I wouldn't normally hear at 1132 MDT. No ID on these first three but strong signals: 1130-CKWX-Vancouver, 1160-KSL-Salt Lake City, 1510-KGA-Spokane. Definite ID on KFBK-1530-Sacramento (very happy about this). Looking forward to reading about others' catches. 73, Larry

Tim Noonan, 801 East Park Boulevard, Oak Creek, Wisconsin 53154-3929

As we were reading e-mail reports about the Reno convention happening some 1500 miles away, our 24th annual Madison-Milwaukee Get-Together occupied Saturday afternoon and evening, August 19. The weather was beautiful and it seemed that everyone had a fine time. During the afternoon, Chris Kadlec discussed his Seoul AM Radio Listening Guide project as a follow-up to his fuller presentation at last year's gathering, and Joe Olig presented a demonstration of the HamSphere system. But most of the day was devoted to conversations about radio and everything under the sun. 31 hobbyists, along with some spouses and family members, attended, representing the various facets of the radio hobby. IRCA members present were Ken Hawkins, Neil Kazaross, and yours truly, with apologies to anyone I missed. A while after photos in the back yard, we headed to Sunrise Restaurant in South Milwaukee, a new place for us, as the restaurant of past years no longer serves dinner. A very positive response to Sunrise assures that it is the new get-together restaurant. After dinner, we awarded the door prizes, generously donated by Universal Radio and Scott Fybush. Those wanted to visit some more came back to the house to talk, or catch Star Trek on MeTV (and they showed a good one – "Court Martial"). The gathering ended a bit before 11. Next year, we mark the get-teeth's 25th anniversary in Madison, as Ark Taylor and ill Dvorak will host on Saturday, **August 18**. 73 and good DX in the new DX season. Tim Noonan.



SPORTCHANNELS IRCA – Compiled by: Eric Bueneman (NØUIH)
E-mail: n0uiheric@gmail.com

Welcome to another edition of SportChannels! Football season is under way, and we're now taking a look at the NFL network lists, starting with the AFC North and NFC North. Flagship stations are in **boldface** type.

AMERICAN FOOTBALL CONFERENCE – NORTHERN DIVISION

BALTIMORE RAVENS Gerry Sandusky, Stan White, Dennis Pitta, Web: baltimore Ravens.com

1090 WBAL Baltimore, MD

97.9 WIYY Baltimore, MD (simulcast)

CINCINNATI BENGALS Dan Hoard, Dave Lapham, Web: bengals.com

AM
 600 WKYH Paintsville, KY
 790 WKRD Louisville, KY
 930 WRVC Huntington, WV
 970 WATH Athens, OH
 990 WTIG Massillon, OH
 1010 WIOI New Boston, OH
 1150 WIMA Lima, OH
 1270 WQTT Marysville, OH

1300 WMVO Mount Vernon, OH
 1300 WJYP Saint Albans, WV
 1320 WLOH Lancaster, OH
 1340 WCMI Ashland, KY
 1340 WMON Montgomery, WV
 1360 WMOV Ravenswood, WV
 1480 WTLO Somerset, KY
 1490 WMOA Marietta, OH
 1490 WMRN Marion, OH

1530 WCKY Cincinnati, OH
 1570 WPTW Piqua, OH

FM
 92.1 WBVX Carlisle, KY
 93.5 W228DJ Ravenswood, WV (1)
 95.9 WKID Vevay, IN
 96.7 WBVI Findlay, OH
 96.7 WCSM Celina, OH
 98.3 WOKE Garrison, KY

99.3 W257EQ Logan, OH (2)
 102.3 WCYN-FM Cynthiana, KY
102.7 WEBN Cincinnati, OH
 104.5 W283BO Lancaster, OH (2)
 104.7 WTUE Dayton, OH
 105.7 WXZX Hilliard, OH
 106.7 W294AF Ripley, WV (1)

Relays: 1) WMOV 1360, 2) WLOH 1320

CLEVELAND BROWNS Jim Donovan, Doug Dieken, Nathan Zegura, Web: cleveland Browns.com

AM
850 WKNR Cleveland, OH
 1240 WBBW Youngstown, OH
 1260 WRIE Erie, PA
 1290 WHIO Dayton, OH
 1430 WFOB Fostoria, OH
 1440 WRGM Ontario, OH
 1450 WJER Dover, OH

1480 WHBC Canton, OH
 1540 WBTC Uhrichsville, OH
 1590 WAKR Akron, OH
 1600 WKKX Wheeling, WV
FM
92.3 WKRK Cleveland, OH
 93.1 WWSR Lima, OH

94.1 WHBC-FM Canton, OH
 94.3 WKKI Celina, OH
 95.3 WKTN Kenton, OH
 95.7 WHIO-FM Pleasant Hill, OH
 97.3 W247BL Mansfield, OH (1)
 97.5 WONE-FM Akron, OH
98.5 WNCX Cleveland, OH
 98.9 WTOH Upper Arlington, OH

100.9 WJAW-FM McConnelsville, OH
 101.9 W270CI Uhrichsville, OH (2)
 102.9 WYFM Sharon, PA
 104.5 WQKT Wooster, OH
 104.7 WKKY Geneva, OH
 107.7 WPFX-FM Luckey, OH

Relays: 1) WRGM 1440, 2) WBTC 1540

PITTSBURGH STEELERS Bill Hillgrove, Tunch Ilkin, Craig Wolfley, Web: steelers.com

AM
 590 WMBS Uniontown, PA
 630 WJAW Saint Mary's, WV
 670 WIEZ Lewistown, PA
 680 WISR Butler, PA
 800 WCHA Chambersburg, PA
 800 WVHU Huntington, WV
 920 WMMN Fairmont, WV
970 WBGW Pittsburgh, PA
 990 WNTI Somerset, PA
 1160 WCCS Homer City, PA
 1230 WYTS Columbus, OH

1230 WBVP Beaver Falls, PA
 1320 WGET Gettysburg, PA
 1390 WNIO Youngstown, OH
 1400 WBBW Wheeling, WV
 1410 WHAG Halfway, MD
 1430 WVAM Altoona, PA
 1450 WJPA Washington, PA
 1450 WQWK State College, PA
 1460 WMBA Ambridge, PA
 1480 WCNS Latrobe, PA
 1490 WESB Bradford, PA
 1490 WNTJ Johnstown, PA

FM
 92.1 WOHF Fremont, OH
 92.3 WXCR New Martinsville, WV
 92.7 WCCR Clarion, PA
 92.7 WONN Starview, PA
 94.3 WUZZ Saegertown, PA
 94.3 WRLF Fairmont, WV
 95.1 WWSY Grove City, PA
 99.1 WRKW Ebensburg, PA
 99.3 WZXR South Williamsport, PA
 100.1 WDMX Vienna, WV
 100.9 WRKT North East, PA

100.9 WVLY-FM Milton, PA
 102.1 WOWQ Du Bois, PA
102.5 WDVV Pittsburgh, PA
 103.7 WCXR Lewisburg, PA
 104.1 WPXZ-FM Punxsutawney, PA
 104.3 WKNB Clarendon, PA
 104.9 WRKY-FM Hollidaysburg, PA
 105.3 W287CP Columbus, OH (1)
 106.1 WRQE Cumberland, MD
 107.1 WRXZ Briarcliff Acres, SC
 107.7 WUUZ Cooperstown, PA

Relay: 1) WYTS 1230

NATIONAL FOOTBALL CONFERENCE – NORTHERN DIVISION

CHICAGO BEARS Jeff Joniak, Zach Zaidman, Web: chicago Bears.com

AM
 600 WMT Cedar Rapids, IA
780 WBBM Chicago, IL
 940 KPSZ Des Moines, IA
 1050 WDSZ Decatur, IL
 1060 WRHL Rochelle, IL
 1150 KCPS Burlington, IA
 1190 KQQZ Fairview Heights, IL
 1230 WJBC Bloomington, IL

1280 WBIG Aurora, IL
 1330 WNTA Rockford, IL
 1340 WTRC Elkhart, IN
 1400 WBAT Marion, IN
 1450 WFMB Springfield, IL
 1480 WRSW Warsaw, IN
 1510 WQQW Highland, IL
 1600 WARU Peru, IN

FM
 92.7 KRZP Gassville, AR
 92.7 WLSR Galesburg, IL
 92.7 WVLI Kankakee, IL
 93.5 KJOC Bettendorf, IA
 93.7 WJBC-FM Pontiac, IL
 95.3 WTRC-FM Niles, MI
 95.5 WGLQ Pekin, IL
 99.1 WYXY Savoy, IL

101.3 WVIL Virginia, IL
 101.7 WIVR Kentland, IN
 101.9 WARU-FM Peru, IN
 103.5 WXLT Christopher, IL
105.9 WCFB Elmwood Park, IL
 106.1 KIYX Sageville, IA
 106.3 WGCY Gibson City, IL

DETROIT LIONS No play-by-play personnel information available, Web: detroit Lions.com

AM
 590 WJMS Ironwood, MI
 590 WKZO Kalamazoo, MI
760 WJR Detroit, MI
 1050 WTKA Ann Arbor, MI
 1240 WIAN Ishpeming, MI
 1240 WJIM Lansing, MI
 1280 WFCY Alma, MI
 1310 WCCW Traverse City, MI
 1330 WTRX Flint, MI
 1340 WCSR Hillsdale, MI
 1340 WMBN Petoskey, MI
 1370 WGHN Grand Haven, MI

1380 WPHM Port Huron, MI
 1400 WCCY Houghton, MI
 1400 WSJM Saint Joseph, MI
 1450 WHTC Holland, MI
 1450 WIBM Jackson, MI
 1460 WBRN Big Rapids, MI
 1490 WTIQ Manistique, MI
FM
 92.1 WCSR-FM Hillsdale, MI
 92.1 WIDL Cass City, MI
 93.1 WIMK Iron Mountain, MI
 93.3 WKQZ Midland, MI
 93.7 WKAD Harrietta, MI

93.9 WNBY-FM Newberry, MI
 94.1 WUPK Marquette, MI
 94.9 W235CM Grand Haven, MI (1)
 95.3 WBCK Battle Creek, MI
 95.7 W239CJ Benton Harbor, MI (2)
 96.7 WRGZ Rogers City, MI
 97.7 WCHY Cheboygan, MI
 97.7 WMLQ Manistee, MI
 97.7 WTVG Sandusky, MI
 98.1 WGFM Glen Arbor, MI
 98.3 WLCS North Muskegon, MI
 98.7 WLDN Ludington, MI
 99.3 W257CZ Houghton, MI (3)

99.3 WBET-FM Sturgis, MI
 99.7 W259CO Holland, MI (4)
 100.3 WQON Grayling, MI
 100.7 WWTH Oscoda, MI
 101.1 WUPY Ontonagon, MI
 101.9 W270CJ Jackson, MI (5)
 103.7 WCSY-FM South Haven, MI
 104.7 WYKX Escanaba, MI
 106.5 WTDOD Delta, OH*
 106.9 W295CL Kalamazoo, MI (6)
 107.3 WBBL Greenville, MI
 107.7 W299BE Big Rapids, MI (7)

Relays: 1) WGHN 1370, 2) WSJM 1400, 3) WCCY 1400, 4) WHTC 1450, 5) WIBM 1450, 6) WKZO 590, 7) WBRN 1460, **Note:** * denotes Lions' list has old call WLQR-FM

GREEN BAY PACKERS Wayne Larrivee, Larry McCarren, Web: packers.com

AM
550 WSAU Wausau, WI
580 WKTY La Crosse, WI
620 WTMJ Milwaukee, WI
710 WDSM Superior, WI
940 WFAW Fort Atkinson, WI
1150 WHBY Kimberly, WI
1220 KLBK Stillwater, MN
1230 WFXN Moline, IL
1230 WGLO Janesville, WI
1240 WOMT Manitowoc, WI
1310 WIBA Madison, WI
1330 WHBL Sheboygan, WI

1360 WTAQ Green Bay, WI
1400 WBIZ Eau Claire, WI
1450 KFIZ Fond du Lac, WI
1550 WEVR River Falls, WI

FM
92.3 WJMQ Clintonville, WI
92.3 WRLS Hayward, WI
92.7 WDUX-FM Waupaca, WI
93.3 WBSZ Ashland, WI
93.7 WCYE Three Lakes, WI
94.3 WQPC Prairie du Chien, WI
95.1 WLST Marinette, WI
95.3 WXRO Beaver Dam, WI

96.1 WJMC-FM Rice Lake, WI
97.1 WGLQ Escanaba, MI
97.1 WCOW Sparta, WI
97.5 WTAQ-FM Glenmore, WI
97.7 WGLR Lancaster, WI
98.3 WRUP Palmer, MI
98.3 WCQM Park Falls, WI
99.1 KSOO-FM Lennox, SD
99.3 WKEB Medford, WI
99.7 WIMI Ironwood, MI
99.9 WJVL Janesville, WI
99.9 WSAU-FM Rudolph, WI
100.7 WBIZ-FM Eau Claire, WI

100.9 WRCO-FM Richland Center, WI
101.1 WIXX Green Bay, WI
101.5 WJNR Iron Mountain, MI
101.5 WIBA-FM Sauk City, WI
102.3 WAUH Wautoma, WI
102.3 WHTL Whitehall, WI
102.9 WBDL Reedsburg, WI
105.3 WRLO Antigo, WI
105.7 WXCX Siren, WI
105.7 WCUP L'Anse, MI
106.3 WEVR-FM River Falls, WI
107.1 WFON Fond du Lac, WI

MINNESOTA VIKINGS Paul Allen, Pete Bercich, Web: vikings.com

AM
550 KFYZ Bismarck, ND
570 WNAX Yankton, SD
620 KMNS Sioux City, IA
650 WNMT Nashwauk, MN
660 KEYZ Williston, ND
730 KWOA Worthington, MN
740 KVOX Fargo, ND
880 WMEQ Menomonie, WI
930 KSDN Aberdeen, SD
1130 KTLK Minneapolis, MN
1230 KFSP Mankato, MN
1230 KTRF Thief River Falls, WI
1230 KWNO Winona, MN
1230 KWSN Sioux Falls, SD
1240 KICD Spencer, IA
1240 WJON Saint Cloud, MN
1240 KDLR Devils Lake, ND

1260 KROX Crookston, MN
1270 KFAN Rochester, MN
1310 KGLB Glencoe, MN
1340 KDLM Detroit Lakes, MN
1340 KRBT Eveleth, MN
1340 KWLM Willmar, MN
1380 KAGE Winona, MN
1380 KLIZ Brainerd, MN
1390 KRRZ Minot, ND
1440 KKXL Grand Forks, ND
1450 WELY Ely, MN
1460 KXNO Des Moines, IA
1460 KLTC Dickinson, MN
1490 KQDS Duluth, MN
1490 KOVC Valley City, ND
1600 KDAK Carrington, ND

FM
92.5 KKWQ Warroad, MN

93.1 K226CA Detroit Lakes, MN (1)
93.3 KBLB Nisswa, MN
94.1 KXLP Eagle Lake, MN
94.3 KKIN-FM Aitkin, MN
94.5 KPLO Reliance, SD
94.9 KQDS-FM Duluth, MN
95.3 WXXZ Grand Marais, MN
95.7 KKOK Morris, MN
96.1 KQPR Albert Lea, MN
96.7 KKQC-FM Bagley, MN
96.9 KMFY Grand Rapids, MN
98.1 KBEW-FM Blue Earth, MN
98.3 KQYB Spring Grove, MN
99.1 WKFX Rice Lake, WI
100.3 KFAN-FM Minneapolis, MN
100.7 KIKV Sauk Centre, MN
100.7 KMLO Lowry, SD
100.9 WCMP-FM Pine City, MN

101.1 KBHP Bemidji, MN
101.1 WHSM-FM Hayward, WI
101.7 KRCH Rochester, MN
101.9 KRWK Fargo, ND
102.9 KBWS-FM Sisseton, SD
103.3 KZCR Fergus Falls, MN
104.1 KSDM International Falls, MN
105.1 KARL Tracy, MN
105.7 KUXX Jackson, MN
105.7 K289CE Grand Forks, ND (2)
105.9 KHRS Winthrop, MN
105.9 KKWS Wadena, MN
106.3 KWAT-FM Watertown, SD
106.5 KRJB Ada, MN
106.9 KARP Dassel, MN
107.3 KNUJ-FM Sleepy Eye, MN

Relays: 1) KDLM 1340, 2) KROX 1260

That will do it for another edition of SportChannels! In the next edition, we'll look at the network lists from the AFC South and the NFC South. 73 and play hard from the Florissant Valley Dial Twister.

SPECIAL FEATURE – ECLIPSE DX (via eGroup)

8/31 Brett Saylor, State College PA.

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.

8/18 Jim Renfrew, Clarendon NY

Still reviewing Perseus recordings from the eclipse....

1443 EDT 1400 **WINC** VA Winchester. Re-Log. Second VA station; other one WRTZ 1410.

1443 EDT 1210 **WANBt** PA Waynesburg. No ID in 1443 file. Country music over/under WPHT. Would be new.

1443 EDT 1190 **UnID** "New Hope Radio, a division of "Catholic Radio International" at 1445. WVUS in Grafton WV might be a match with Catholic programming, but this doesn't match the schedule posted on the station web site. I can't think of anyone else that this might be. I can't find anything on web searches that leads to anything useful. Unfortunately, the recording is fairly "jittery".

8/30 Jim Renfrew, Clarendon NY

I have one more file to cover starting at 1458 EDT. My 1503 EDT file shuts down at 1504 EDT when it hits a buzz saw, so not much there. My 1448 file is screwed up, stuttering badly, almost like each microsecond of recording time was exchanged with the next one, so some good signals but almost impossible to understand. I have files earlier than 1430 but not much enhancement there.

I found another new one at 1453:

1400 **WICK** PA Scranton, briefly popping up with an ID through WRAK's Little League World Series play by play. Somewhat amazed that I haven't logged WICK before.

My other new one was **WRTZ** from Virginia on 1410.

Overall, there is enhancement to Pennsylvania during the eclipse, but only a hand full outside of that. WNIO 1390, 1100 WTAM, 1220 WHK from Ohio, WBAL 1090 **WFED** 1500 DC. No longer distances, but I was quite a distance from the totality zone.

Just found two more new ones from my Perseus Eclipse files.

1453 1320 **WGET** PA Gettysburg. "1320 WGET" under CJMR.

1453 1310 **WTNZ** PA Troy '99 Oldies FM", PA AccuWeather report with Steve Williams

With over 2500 in the logbook I'm very surprised that I haven't heard these before.

This makes a total of four new Eclipse receptions.

8/28 Todd Skaine, Recently up in the far NE part of MN

Hi every, please be kind in looking at this list. It's not going to be perfect. (I removed non eclipse bandscan DX – pb)

620 WTMJ good signal	1120 KMOX very poor	1520 KOLM
630 WREY fair	1130 WISN/KFAN	1540 KXEL good at times
660 WBHR very good	1140 KSOO	1550 Madison very good
670 WSCR very poor surprisingly poor	1330 KNOW/WHBL	1560 WGLB good at times
730 WJMT/UnID	1370 WCCN good	1630 KCJJ
760 WJR very very poor	1380 WOTE poor	1640 Madison
870 KPRM/WKAR (which was very weak)	1390 WRIG	1650 KCNZ w/UnID QRM
890 WLS very poor	1400 WATW/WCCY	1660 Mich/Fargo
1040 WHO	1410 WIZM fair	1670 Madison
1100 WZFG/WISS	1470 KNMQ very strong	1680 WPRR very poor
1110 KFAB/WMBI weak SAH KFAB fair	1510 WRRD/KIFG WRRD good at times	1690 CHI

The winner for the eclipse is KMOX. I didn't think to sit on 1160 to try for KSL.

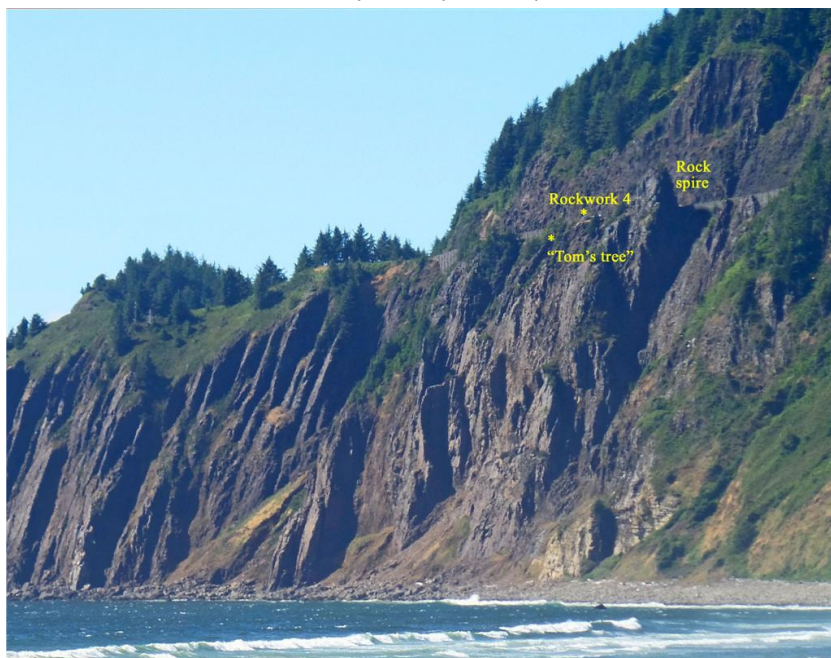


August 2017 Rockwork 4 Ocean Cliff DXpedition
Perfect Weather Combines with Breakthrough Propagation
 By Gary DeBock, Puyallup WA, USA September 2017



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/jztickg7d207ykg2re1c9jvtvjokznf5>
- 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/jtq9cyi0te4bbri3tv7puzvt289fpmx>
- 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/688ujh8qu237j15dfuvwzsc6iudsw0e>
- 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/lbmcayqyvivedjx1j1ru5ihdcdydsem>. 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/r4mf1dtjyonr47vt88pdibwuedwydh>
- ** **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/b391cdrit9s4c7y4gp3kt9q1dxbgpi4j>. Powerful R&B music at 1237 on 8/6 <https://app.box.com/s/xp2j1k6wjx1gs6eqco3w89is84koqzsh>. Another island music recording at a powerful level at 1303 on 8/19 <https://app.box.com/s/ev4wupztu874jmrip7ffbkw1ypoinrrt>
- 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/cze5omzcx1x01p28gpdo44wyhldl616y>
- 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/fyunc8y821ua6qx4js7rhrccmn3hcqipt>
- ** **FUJI** 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/6b2f2xp2ai8p44t38fih4dn1meffzocxi>. 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/vprj88dgi9714lcp5tx23edh31gorfd0>. 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/f2lkogkmlow9vo6uehffdqenhw810i>. Exceptional conditions on 8/4 further boosted up Fiji's island music recordings at 1307 and 1323 <https://app.box.com/s/13ra6q2edyniegz3jnwh1nlu6dcoz05> <https://app.box.com/s/ykjkqqa5917h2rfcedhudikwn8ayfyfye>. 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/tno4iqsiuaw1kx62i80y8rg722y15e40> <https://app.box.com/s/ca7tpo195gua5eayhc46evv9ix29e9oz> <https://app.box.com/s/cujcqvht153ux7admegbqtuhp7tm00r9>. 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/eetboe8o71kohmxxrqhg88uwecklnm4>
- 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/uk0aochlroo67tm1x0lm435fka6dwz8>
- 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/3j0607fg6mzgldco3i3vz99ofuzl2cvi>
- 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/e9ddentlmrxkxlaiyagq11di62w2ezhc>
- 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/94b723294xp9i2chgdzfnwixah3n4o>
- 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/aptyncncjp3il32d027s691rv82bau3m2>
- 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/m7d0fgnzxhzsg1hxxawzm1mtzct5zudw>
- 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/xsgmjwzlw466y5817s1dpj4fentg97ko>
- 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/33ouo1vej21e356j29usiqdszyldq18>
- ** **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/wruaavle3k3s4x9my9armbx14od0369s>. Samoan island music at very strong level at 1256 on 8/1, and at 1312 on 8/6 <https://app.box.com/s/s594rz5pctqf9hahhpk7p1du2ajuzp0> <https://app.box.com/s/2jij2iplij9dcvyqepfcx0bw195z7nw7>. Mixing with 2RN during unusual Australian-slanted propagation at 1254 on 8/4 <https://app.box.com/s/i3mrgjrx0dwadrtc2c69x7f2f7h6qzua>
- 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/qrgusesht3r2hdlsh2tdthjtq0sbxif>
- 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/8h3fcdmvmzm2gslknf18r1f5z342y1xm9>
- ** **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/o0jujrozx7w0wf7t4dnq5dn7g20jotr>
- 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/5hx8u4b0v4ivmd9wh40gkdk17utkbf0fg>. 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/9zien3rdlj80pe61vmfsq8s28jox26rg> <https://app.box.com/s/wj5chv6w11ez7zgcxws077gqo9of5dpr> <https://app.box.com/s/q6bb88n9nm2b1irndnu01ch37uizw0t>
- 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/i88e4c0wdyd4kvtvdfsomtzmyyk2t5u>
- ** **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/i1ad8kdp1d8ciupd7qivvc54nsknpxbl>

- 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/ynmign3aj8vrb36yz4nb9dhpgs475o74>
- 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/qvu2atw8b22qv18xwkgp95riigd5mlca>. 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/ab5kderbjwe5635e9lufy3d2hei5vwx>
- 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/374oiz85qfveyyfep3shmyqtjvvd0it>
- 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/etciijdo5bq3xhkpwxyz9hibth5n6l4s>
- 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/axqyrphgqnmzpvachg1wlk6hp3qxoipt>
- 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/edp0neatndiqzgs5e0ng1my6wtqg6e0>
- 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/xh0gr9lobe3uwd817nhw2k05piwvr75a>
- 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/vdhttgri1d1r0uf69rt4jtgr6y7gyno7>
- 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/z8jbfmptywt446a66kmpqqwzyuQOupsu>. 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/ztaeb3j6t2zoe4b1q1rfgdab9iz8gg4>
- 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/329zta572h18f3vgyha2l1i0d03t21za>
- 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/27zx7uqcv065jvvh2tdrc6ml17znp71>
- 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/wr6ojpagms9xadd276of599jz8uber0>
- 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/zjc64srpsqz6pxlr2v8o2i667qrvrc>. Island music at a fairly good level at 1036 on 8/1, during the "normal" broadcasting time <https://app.box.com/s/ef31yfav23rqu7k86eqbw79xvkuks8oa>. 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/xreujg4l6mhh9avuly33ad74rpuas5s7d>
- 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/tmwvuo6ljm43dgceufepj9egcxj356>
- 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/x2qf4vcsdq2f8jvsusob1cbfjdj51x8>



GEOMAGNETIC INDICES – Compiled by: Phil Bytheway
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Geomagnetic Summary August 1 2017 through August 31 2017
Tabulated from email status daily (K @ 0000 UTC).

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

Gx – Geomagnetic Storm Level

Rx – Radio Blackouts Level

Sx – Solar Radiation Storm Level

Full Color IRCA Letterhead

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IRCA Slogans List (January 2017)

This completely revised Slogans List includes radio slogans from the US and Canada (over 4500). The 2017 IRCA Slogans List is posted on the IRCA website for all to download. The link is: <http://www.ircaonline.org/slogans.htm>

For those preferring a hard copy, one can be ordered from the IRCA.

Prices: **IRCA/NRC members** – \$7.25 (US), \$8.50 (Canada) \$10.00 (México), \$10.75 (rest of the world). **Non-IRCA members** – add \$1.00.

IRCA TIS/HAR LIST (Winter 2016)

The **IRCA TIS/HAR LIST** lists all US and Canadian TIS/HAR stations, by frequency, including call letters, state (province,) city, county, licensee, address, coordinates, expiration date and dates of DXM/DXN reports/sources. It has been updated with FCC data, DXM, DXN and DXer reports, and on-line listings through March 1 2016.

The 2016 IRCA TIS/HAR LIST is posted on the IRCA website for all to download. The link is: http://www.ircaonline.org/TIS_2016.pdf.

For those preferring a hard copy, one can be ordered from the IRCA.

Prices: **IRCA/NRC members** – \$9.50 (US), \$11.00 (Canada) \$12.50 (México), \$14.00 (rest of the world). **Non-IRCA/NRC members** – add \$2.00.

IRCA Mexican Log, 20th Edition (Winter 2015)

The **IRCA MEXICAN LOG** lists all AM stations in Mexico by frequency, including call letters, state, city, day/night power, slogans, schedule in UTC/GMT, formats, networks and notes. The call letter index gives call, frequency, city and state. The city index (listed by state, then city) includes frequency, call and day/night power. The transmitter site index (listed by state, then city) tabulates the latitude and longitude of transmitter sites. This is an indispensable reference for anyone who hears Mexican radio stations. Size is 8 1/2" x 11".

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A DXers Technical Guide, 4th Edition (Spring 2004)

In its nearly 200 pages you will learn about the principles underlying the design of successful receivers, antennas and receiving accessories, find reviews of the best commercially available DXing equipment in different price ranges, as well as detailed instructions for building one's own antennas and other DXing aids. Although it focuses on the technical backdrop to medium wave DXing, it will also be of interest to serious shortwave listeners and low band radio amateurs.

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Sunrise/Sunset Maps

12 maps showing 15 minute sunset and sunrise times for the US and 12 maps showing hourly sunset and sunrise times for the World. Explanation includes use of the maps and examples of DX made possible by knowledge of SR/SS times.

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IRCA Foreign Log

The IRCA has published nine volumes of the **IRCA Foreign Log** which are still available. Each volume contains the several hundred actual tips that were reported to the DXWW sections during an entire year, compiled and retyped in a book format. In addition, special features include articles on foreign DXing (volumes 6, 7 and 8), utility lists (volumes 7 and 8), shortwave parallels (volume 8) and BCB propagation (volumes 6, 7 and 8). The **IRCA** still has volumes 3, 4, 6, 7 and 8 of the **IRCA Foreign Log** available for \$2.50 each (overseas add \$3.00/book).

IRCA Reprints

The IRCA maintains a large file of articles that have appeared in past issues of **DX Monitor**. These articles cover a wide variety of topics, including: antenna theory and construction, tips for the foreign BCB DXer, how to improve your DXing skills, history of DXing and broadcasting, lists of stations by subject, construction projects and receiver modification, receiver reviews, medium wave propagation, and more. Copies are available for a nominal charge. Price for the complete list is \$1.00.

Also from the IRCA. "IRCA REPRINTS ON CD"!!! 648 Reprints. The entire set, now on one CD. Categories include: Antennas, Domestic, Foreign, History, DX Lists, Receivers and Receiver Modifications, and Technical. Check out the table of contents at: <http://ircaonline.org/2004ReprintList.htm>.

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The IRCA is a non-profit organization devoted to the hobby of hearing distant stations on the Broadcast Band (510-1720 kHz). **DX Monitor**, the official publication of the IRCA, is published in "soft" form 35 times a year (weekly from November through March, twice monthly from April to November.) **DX Monitor** contains members' loggings, articles on radio stations, receiver reviews, technical articles, DX tips, and other material of interest to Broadcast Band DX hobbyists.



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Sample copies of **DX Monitor** are available at phil_tekno@yahoo.com

For information on **subscribing to the IRCA mailing list** at Hard-Core-DX, a group e-mail service, contact the moderator, Lynn Hollerman at lynnhollerman@yahoo.com.

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