



DX MONITOR

The official publication of the
International Radio Club of America

August 17 2019 – Volume 57 Number 01 – Edition 1813 – ISSN 899-9733

Quite a lot of items in this issue!! Seattle deadline for our next issue (V57_N02) is **Monday 08/26/19** 1600 (this time, a two week break – pb

Bill Block – RIP – July 19 2019 (via IRCA eGroup)

In This Issue:

Special Election...	1
IRCA President...	2
Broadcasting Information...	2
Canadian Radio News...	3
Western DX Roundup...	4
Central DX Roundup...	5
Eastern DX Roundup...	5
DX WorldWide...	6
DXpeditions...	7
Bandscan...	14
DX Forum...	16
Geomagnetic Indices...	19
Verification Signers...	20
IRCA 2019-20 Contest...	19
Hilights...	20

With a sad heart, I have to report that Willis "Bill" Block passed away on July 19th. The Prescott Valley PD provided that information when I called their dispatcher to request a welfare check.

I've since spoken with the Medical Examiner's office, and they confirmed the death. Making matters more tragic, Bill's body has not been claimed, and has been turned over to the county for cremation unless a family member steps forward. (Later on, Les found Bill's relatives – pb)

Les Rayburn, N1LF

AM Radio Log 40th Edition – Now accepting Preorders!

As everyone is aware, we've tried to keep the price of the Log down over the years so that it would be affordable. Unfortunately, the 40th edition will be a little pricier than in the past. There are two factors in play. A few years back we added some features. We started adding cross references for translators and as more and more simulcasts expanded to three or more stations our "Groups" lists expanded. Back in the 37th edition, Terry Krueger suggested a "By State" cross-reference which made it easier for DXers to set up lists of targeted stations. All these additions over time increased the amount of pages and the printing costs. This past year the USPS handed us another rate increase to Priority Shipping. While the old book rate was cheaper, we were faced with poor service, damaged books and, if we wanted reimbursement for these items, we would have to buy insurance which negated the savings. Priority shipping saves us in the long run as delivery is 2 – 3 days, not 8 to 10 days and reliability is guaranteed with \$50 in insurance

included in the cost. In January 2019, Priority Mail increased 65¢ from \$6.70 to \$7.35! We absorbed that until the end of the run for the 39th Edition but it would be unsustainable moving forward. I don't have to mention anything to our foreign customers. Every year the USPS has raised the Global Priority rates for Overseas and Canada.

This year the US Member Price (IRCA/NRC) rises to \$28.95. Non Members in the USA is now \$35.95. Orders from Canada are US \$41.15 and overseas orders are US \$52.65. These same rates will apply as well to the 8th edition of the Antenna Pattern Book.

You may pre order the 40th edition at www.nationalradioclub.org using PayPal or by snail mail check or money order to NRC HQ, PO Box 473251, Aurora CO 80047-3251.

2019 Madison-Milwaukee Get-Together

Our 26th annual Madison-Milwaukee Get-Together will be on Saturday, August 17 at our home in Oak Creek, Wisconsin; at 801 E Park Blvd. Radio hobbyists of all kinds are welcome. Email me at DXing2@aol.com or phone 414 813-7373 if you'd like more information. – **Tim Noonan**

2019 IRCA/DecalcoMania Convention

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

* Non IRCA members will need to pay a convention registration fee of \$25. Folks can join IRCA for \$5 (\$0 for renewals).

Here is the reservation link your guests can use to make online reservations: https://www.marriott.com/meeting-event-hotels/group-corporate-travel/groupCorp.mi?resLinkId=International%20Radio%20Club%20of%20the%20USA%20America%5Eseasc%60IRCA%60109%60USD%60false%603%609/5/19%609/8/19%608/15/19&app=resvlink&stop_mobi=yes. If you have questions or need help with the link, please do not hesitate to ask. We appreciate your business and look forward to a successful event. Individuals may also call toll free, 1-800-359-8233, refer to group code "IRC".

A website of interest to anyone planning to attend the convention via Mike Sanburn: www.seattlesouthside.com

(Via **Mark Durenberger**) There's still time to register (free) for the IRCA Convention in Seattle. Our DX conventions of recent memory have been very useful for those interested in furthering their knowledge of tech developments in the DX world.

Seattle proves the point:

- Over-the-Pole reception
- Cutting-edge use of phasers, loops, BOGs including antenna shoot-outs
- "Life as a DXer"
- "DXing in Japan" as experienced by DXers attending from Japan
- Ultralights, FSLs and hot-rod portables
- DX reports from antenna sites some of us only dream about

Friday night and most of Saturday, it's all part of IRCA Seattle 2019. Plan to spend some quality time with your fellow DXers, ask questions, and contribute your knowledge on these topics as well!



IRCA ELECTIONS – Nick Hall-Patch – 1538 Amphion St – Victoria BC Canada V8R 4Z6
Email: nhp@ieee.org

Call for Nominations for Special Election to fill vacant Board of Directors position

The recent sad news of Bill Block's passing means that the club will need to fill his position on the 2019-2021 Board of Directors.

Present Board member, Steve Howe, whose term ends on September 15, has indicated that he is willing to fill Bill's place on the 2019-2021 Board. The IRCA by-laws require that when a Board position becomes vacant, a by-election be held, so we first need to put out a call for nominations to fill Bill's position.

If there are no further nominations by 14 September 2019 then Steve will fill the position left by Bill on the 2019-2021 Board by acclamation.

Any other nomination must be submitted in written (Email) form to the ECC by September 14 2019. If any other nomination is accepted by the nominee, then the club will need to run a by-election to fill Bill's position.

IRCA's Election Committee Chairman (ECC) is Nick Hall-Patch, who can be contacted via email at: nhp@ieee.org.



IRCA PRESIDENT – Bruce Portzer – 6546 19th Ave NE – Seattle WA 98115
 Email: portzerbt@gmail.com

2020 IRCA Convention Bids

Bids for the IRCA 2020 convention are now being accepted. If you're interested, please contact me at the above Email address for a convention bid form. Deadline for bids is 10/15/19.



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

#1. DATE OF COLUMN: July 27 2019 Column data span: July 13-July 27 2019, Data courtesy of Stationintel.com, FCC database and member contributions.
 #2. DATE OF COLUMN: July 27 2019 Column data span: July 27-August 10 2019, Data courtesy of Stationintel.com, FCC database and member contributions.

CALL CHANGES (two columns combined – pb)

FREQ	OLD CALL	CITY OF LICENSE	NEW CALLS
830	KFLT	Tucson, AZ	KDRI
	WFNO	Norco, LA	KGLA
840	KABN	Kenai, AK	KPEN
1430	KAOL	Carrollton, MO	KROL
1450	WHDL	Olean, NY	WFNO
1540	KGLA	Gretna, LA	WFNO

FORMAT, SLOGAN AND SILENT STATUS CHANGES (two columns combined – pb)

FREQ	CALL	CITY OF LICENSE	NEW INFORMATION
560	WVOC	Columbia, SC	old slogan: "Voice Of Columbia", new: "Columbia's News Talk And Sports"
640	WNNZ	Westfield, MA	adds classical as secondary format
710	WEGG	Rose Hill, NC	was unknown format, now classic country, adds slogan: "Kix FM 710 AM 100.5 FM"
730	WDOS	Oneonta, NY	was talk, now Fox Sports Radio, adds news/talk as secondary format
740	WHMT	Tullahoma, TN	old slogan: "Cat Country 105.1", new: "Whiskey Country 95.9 and 105.1"
760	KDFD	Thornton, CO	was unknown format, now talk, adds slogan: "Freedom 93.7"
830	KGLA	Norco, LA	was Spanish CHR, now Spanish, old slogan: "La Fabulosa 830 AM", new: "Radio Tropical 105.7 FM"
890	KVMX	Olivehurst, CA	old slogan: "La Ranchera 890 AM and 104.7 FM", new: "La Ranchera 92.1 FM 104.7 FM 890 AM"
900	WLSI	Pikeville, KY	was talk, now Fox Sports Radio, adds talk as secondary format, old slogan: "Talk Radio", new: "Fox Sports East Kentucky"
940	WMIX	Mount Vernon, IL	old slogan: "Newstalk 940", new: "America's Best Music and Talk"
950	WTLN	Orlando, FL	was religious teaching, now talk, old slogan: "Faith Comes By Hearing", new: "The Answer Orlando"
	KJTV	Lubbock, TX	was Westwood One NBC Sports Network, now ESPN Radio Network
960	WPRT	Prestonsburg, KY	was talk, now Fox Sports Radio, adds talk as secondary format, old slogan: "Talk Radio", new: "Fox Sports East Kentucky"
970	WCHN	Norwich, NY	was ESPN Radio Network, now Fox Sports Radio, adds news/talk as secondary format, adds slogan: "CNY News"
980	WAKV	Otsego, MI	was adult standards, now oldies
	WAAV	Leland, SC	adds secondary format as news, old slogan: "News-Talk Sports", new: "980 The WAAV – News – Talk – Sports"
	WPRE	Prairie Du Chien, WI	old slogan: "Prairie's Own", new: "Prairie's Own 980 and FM 104.3"
990	WDYZ	Orlando, FL	was Spanish contemporary Christian, now religious teaching, old slogan: "990 La Nueva Orlando", new: "The Word Orlando"
1080	KWAI	Honolulu, HI	was silent, back on with unknown format
1120	WBBF	Buffalo, NY	now silent
1160	WBYN	Lehighton, PA	was Fox Sport Radio, now ESPN Radio Network
1180	WLTT	Carolina Beach, NC	now silent
1200	KPSF	Cathedral City, CA	was business news, now religious teaching, old slogan: "Money Radio 1200 AM-100.9 FM", new: "Pure Radio"
1210	WILY	Centralia, IL	was Westwood One Classic Hits, now Local Radio Networks Super Hits, old slogan: "Oldies 1210 AM-98.7FM", new: "Superhits 1210 AM-98.7FM"
	KMIA	Auburn-Federal Way, WA	old slogan: "La Zeta", new: "La Pantera"
1230	KTNC	Falls City, NE	old slogan: "AM 1230 KTNC", new: "AM 1230 FM 107.1 KTNC"
	KYVA	Gallup, NM	old slogan: "Rockin Oldies", new: "Rockin Oldies 1230/98.3"
1240	KBIZ	Ottumwa, IA	old slogan: "KBIZ-AM 1240-102.7 FM", new: "Your News And Information Leader AM 1240 and 102.7 FM"
1250	WQHL	Live Oak, FL	adds slogan: "News Talk"
1260	KBSZ	Apache Junction, AZ	was comedy, now classic rock, old slogan: "Funny 1260", new: "97.3 The Rattler"
1270	WDLA	Walton, NY	was talk, now Fox Sports Radio, adds news/talk as secondary format
	WQTT	Marysville, OH	was oldies, now classic rock, old slogan: "True Oldies 1270", new: "Classic Rock 96.7 FM 1270 AM"
1280	WJYE	Gardiner, ME	was classic country, now oldies, old slogan: "Country Memories 1280", new: "Fun Oldies 1280"
	WHVR	Hanover, PA	was classic hits, now adult contemporary, adds slogan: "HAPPY"
	WANS	Anderson, SC	was silent, now country, as slogan: "God's Country"
1300	WFRX	West Frankfort, IL	old slogan: "1300 The Fan", new: "95.5 The Fan"
	WQPM	Princeton, MN	was classic hits, now oldies, old slogan: "The Big Q", new: "The Killer Bee"
1320	WGET	Gettysburg, PA	was sports, now hot adult contemporary, old slogan: "ESPN Sports 1320", new: "HAPPY"
1330	WJNX	Fort Pierce, FL	old slogan: "La Gigante", new: "La Gigante 1330"
1340	WJYI	Milwaukee, WI	was contemporary Christian, now religious teaching, old slogan: "Joy 1340", new: "Joy 1340 AM – 98.7 FM"
1350	WSIQ	Salem, IL	old slogan: "Real Country 1350", new: "Q 92.1"
	KCOX	Jasper, TX	now silent
	WGPL	Portsmouth, VA	adds slogan: "WGPL 1350 AM"
1370	WCCN	Neillsville, WI	was Westwood One Adult Standards, now Local Radio Networks Adult Standards
1390	WFBL	Syracuse, NY	was silent, now classic hits, adds slogan: "The Dinosaur"
	KULP	El Campo, TX	old slogan: "The Texas Legend", new: "The Texas Legend 1390 AM/106.7 FM"
1400	WZAZ	Jacksonville, FL	was silent, now urban gospel
	WHGB	Harrisburg, PA	old slogan: "CBS Sports Radio", new: "CBS Sports Radio 96.5-95.3-1400"
	KSRR	Provo, UT	now silent
	WBTH	Williamson, WV	was talk, now Fox Sports Radio, adds talk as secondary format, old slogan: "Talk Radio", new: "Fox Sports East Kentucky"
1440	KTUV	Little Rock, AR	was silent, now regional Mexican

1450	WDIG	Dothan, AL	adds slogan: "All Oldies WDIG"
	WLYV	Fort Wayne, IN	old slogan: "Fort Wayne's Good Time Oldies", new: "Oldies 101.1"
	WOLY	Olean, NY	was CHR, now classic hits, old slogan: "Hot 107.1", new: "BIG OLY 107.1 FM/1450 AM"
1480	KYOS	Merced, CA	old slogan: "Merced County's News-Talk", new: "Merced County's News-Talk 1480 AM 107.3 FM"
1490	WIGM	Medford, WI	was sports, now country, old slogan: "CBS Sports Radio 1490", new: "Kickin' Country 1490 AM"
1540	WFNO	Gretna, LA	was Spanish hits, now Spanish CHR, old slogan: "Radio Tropical Caliente", new: "Latino Mix 97.5 FM"
1550	WDLR	Delaware, OH	old slogan: "Local 1550", new: "Local 92.9 FM 1550 AM"
1570	WOKC	Okeechobee, FL	was Westwood One Hot Country, now Westwood One Mainstream Country
1580	KTLU	Rusk, TX	now silent
1590	KCTY	Wayne, NE	old slogan: "The City", new: "The City 98.9 FM 1590 AM"
	WGGO	Salamanca, NY	old slogan: "News Radio", new: "The Patriot"

MEMBER CONTRIBUTIONS (two columns combined – pb)

Dennis Gibson of Salinas CA passes on the following re KLIV-1590 San Jose CA status dated 7/22/19:

It went silent on January 28. It has until January 29 2020 to return to the air or the license will expire. Almost six months later there hasn't been an application for a construction permit to move to a new site. It will be sharing towers with another station. I've been told that isn't very difficult. My guess is that efforts to donate the license to the City of San Jose or Santa Clara University have been unsuccessful. Whoever the license is donated to will have to build a new studio. I don't know if the existing studio equipment is part of the donation. In either case it isn't cheap. What would the new licensee do for programming 24 hours a day? Operating it would be expensive but could be less if students or volunteers do it part time. A paid general manager would be needed. The power bill would be high. The other station will charge a monthly lease. Santa Clara University has an FM station but it only runs 30 watts ERP and the antenna height is below average terrain. The FCC city grade contour map shows that it doesn't get out very far. Here's radio-locator's predicted coverage area.

<https://radio-locator.com/cgi-bin/pat?call=KSCU&service=FM>

KLIV would cover a much larger area. Simulcasting is legal. I'm not optimistic that either one will accept a donation. I hope I'm wrong.

Mike Sanburn of Bellflower CA sends along the following from **Dennis Gibson** of Salinas CA via IRCA IO Digest re some license cancellations dated 7/31/19:

License cancelled

7-31-19: WOOW-1340 Greenville, North Carolina

7-31-19: WTOW-1320 Washington, North Carolina

Mike Sanburn also sends along the following via Radioink.com dated 8/7/19:

'Looks like the old KFLT in Tucson AZ has become KDRI //FM. 'Haven't really spotted an official website for them yet. <https://radioink.com/2019/08/05/kdri-launches-in-tucson/>

KDRI Launches In Tucson, By Radio Ink – August 5 2019

Legendary radio personality Bobby Rich, Tucson TV and Radio GM Jim Arnold and Tucson business owner Fletcher McCusker have joined forces to launch a new locally owned-and-operated radio station called The DRIVE Tucson on KDRI AM and FM.

The trio acquired the stations from Family Life Radio and converted it to The DRIVE with an original format of music and local, live personalities. The name of the new company is Radio Tucson with McCusker as Chairman of the Board, Rich is the President, Arnold is Partner and General Manager.

Rich said, "This is a dream come true for all of us," said Rich, a 25-year Tucson talent/PD who anchored the top-rated morning show on KMXZ since 1993, "a chance to select our own music, manage content that matters to Tucson and have fun making great radio without corporate oversight."

"KDRI-AM830 carries from the Mexican border to Phoenix," McCusker continues, "The DRIVE 101.7-FM signal can be heard all over Tucson, so we will provide frequent road reports and local information. The music will be familiar without playing the same 40 songs over and over." The previous format was Christian.

Every Jock comes with Tucson Cred. Partnering with Bobby Rich in mornings is Hill Bailey, a Tucsonan since 1987 with gigs in Colorado and California; MIDDAYS Ken Carr, in Tucson radio and TV since 2001 as a PD and jock; Afternoons, Mike Esparza, a 30-year pro who started his career in Tucson returns after years of San Diego success as "The Mikey Show"; Nights Tyler Russell, born and raised in Tucson, started his career as an intern for Bobby Rich and later Los Angeles, Palm Springs and Laguna Beach CA.

John T Arthur (AC2NZ) of Belfast NY sends along the following dated 8/7/19:

WHDL-1450, Olean NY, has dropped Urban/Hip-hop and are now "Big Oly" with "the greatest hits of all time". Also dropped their long-time WHDL callsign, now announcing as WOLY. Still parallel with translator on 107.1. (Note: John sends along an addendum dated 8/10/19: "They are "The BIGGEST Hits of all time" NOT "the greatest hits of all time").

Mike Sanburn passes on the following re KCRN-1120 Limon CO from **Paul Walker** of Laramie WY via the IRCA eGroup dated 8/8/19:

KCRN 1120 is running the full 50 gallons again tonight... and as usual the last few nights, they go dead air around 11 pm to 12 midnight. But, if the past few nights are any indication the audio will reappear around 1-2 am. Catholic Radio Network HQ is fully aware of the issue now, they were notified Wednesday morning. A friend in Boise reported a full quieting signal there Tuesday night from KCRN.

#1. Reasonably long column this time. 9 more days till I turn the big 59 (August 5th), Mike Sanburn has B-day August 15th! We're both Leos, heh. DX is starting to pick up a bit again, dials are becoming more active as days are starting to get shorter again as we move into August. Only a month or so till the Seattle convention, hope everyone that attends has a good time. Weather has turned reasonably mild here after a long hot spell, so glad to have the relief. Everyone have a happy August. 73's. **Bob Wien**

#2. Well, just celebrated my 59th birthday Monday August 5th, went out to dinner weekend of 3rd/4th and did some other things, but had to work on my Birthday. Thank you to all the IRCA members who posted to my Facebook account, much appreciated. Mike Sanburn's birthday is coming up next Thursday the 15th, yay Mike! Ending on a sadder note, IRCA member Bill Block passed away in mid-July in Prescott Valley, Arizona. He picked me up at the airport in Portland OR for my first IRCA convention I ever attended. He was a terrific guy and the club will miss him dearly, may he rest in peace. 73's. **Bob Wien**



CANADIAN RADIO NEWS – Dan Sys

Email: sysdan@gmail.com

For July 2019, August 1 2019:

AM TO FM CONVERSIONS GRANTED

740 NL Marystown CHCM Move to 88.3 with 59,300 watts.

EXTENSIONS TO CP's GRANTED

1490 ON Mississauga CHTO-1 Canadian Hellenic Radio Toronto has until September 1 2020 to get this new 770 watt rebroadcaster of Greek language CHTO 1690 Toronto on the air.

DENIALS

1350 ON Brampton CIRF-cp Application to relocate the transmitter site and amend the contours for this "yet to go on the air". South Asian station has been denied for the third time. The CRTC stated that the application undermines the integrity of the licensing process.

PROPOSED TECHNICAL CHANGES

1380 ON Brantford CKLC Swap formats with CFWC 93.9 Brantford.

PROPOSED CONDITION OF LICENCE CHANGES

960 ON Mississauga CKNT Increase Multilingual programming from 15% to 22% during the broadcast week.



WESTERN DX ROUNDUP – Nancy Johnson – 2922 S Olivewood – Mesa AZ 85212-2923
Email: NancyJohnson@prodigy.net

WDXR DEADLINES: August 23, Sept. 6, Sept. 20, Sept. 27, Oct.4, Oct. 11, Oct. 18, Oct. 25, Nov. 1, Nov. 8 and Nov. 15. Please use Eastern Local Time.

REPORTERS FOR THIS ISSUE:

- (RB) **Rick Barton**-9444 W Newport-Sun City AZ 85351 **desertmoon_dxshack@inbox.com**
RF-2200, SW-2000629 barefoot, Terk Advantage loop, Satellit 205/T5000
- (JCJ) **John Johnson**-2922 S Olivewood, Mesa AZ 85212 **John_Johnson@prodigy.net**
SDRplay RSPduo, Wellbrook ALA1530LNP
- (GK) **Glen Kippel**-Yucca Valley CA **gkippel@hotmail.com**
ICOM IC-R75, Terk Advantage loop, 10 x 7.5-foot shielded, unbalanced loop
- (JP) **Jon Pearkins**-Edmonton AB **jon@pearkins.com**
Sangean PR-D15 on batteries with internal 200 mm ferrite bar
- (MS) **Mike Sanburn**-PO Box 1256-Bellflower CA 90707-1256 **mikesanburn@hotmail.com**
Sangean DT 160

OF SPECIAL INTEREST

- 830 KDRI **AZ**, Tucson 8/7 0900 new calls sign and a format flip, formerly Family Life Radio (religious programming). Checking the frequency before the hour, only distant stations heard way out in the mud until they came on at the top. Frequent IDs as "KDRI The Drive." A lot of hit songs from the 1980s such as "Sarah" by Jefferson Starship, "Chevy Van"/Sammy Johns. Old school presenter in the style many of us grew up with back in the day. After "The Tide Is High" announcer Bobby Rich talked about the staff at the station being Tucson people, with deep Tucson roots. "We're a new station, Day 3." (RB-AZ)
- +8/9 1720 ex-KFLT strong daytime signal heard with oldies and "KDRI The Drive" ID. (JCJ-AZ)
- 990 XECL **BCN**, Mexicali apparently XECL is back on the air. Heard 8/1 0003 with Spanish music and "La Rocola" slogan, 0654-0732 with ballades and "En Baja California esta es Rocola." Fighting it out with KTMS. Seems to be lower power now because they used to be the only station I could hear on 990. Apparently KTKT underneath. (GK-CA)
- 1260 KBSZ **AZ**, Apache Junction 7/18 after being off the air since July 1st, local KBSZ returned to the air with a new format and slogan. The station had been comedy with the slogan "Funny 1260 and are now classic rock with the slogan "The Rattler 97-3 and 1260 AM, Rocks the East Valley." (JCJ-AZ)
- 1310 KKNS **NM**, Corrales 8/7 good in null of local KIHP, 0100 noted station on the air with classical music and "This is 1310 AM KKNS Corrales" IDs every 2-3 minutes. First time heard, must have been on with day power. This station had been off the air, may have returned to keep license. (JCJ-AZ)
- *****
- 600 KVNA **AZ**, Flagstaff 7/23 0800-0808 with sports talk and "104.7 FM." (GK-CA)
- 650 ?KMTI? **UT**, Manti 7/31 0653-0705 seemingly continuous contemporary C&W until 0704 when immediately lost among three other talk stations, likely running delayed network news. Have ruled out WSM because of the type of C&W and missing top of the hour by four minutes. (JP-AB)
- KGAB **WY**, Orchard Valley 7/31 0653-0705 strongest signal on 650, especially with antenna SW, with "K-G-A-B" ID 0657:20. Over tentative KMTI with only the slightest traces of regulars CKOM and CISL, gives me more hope of eventually hearing WSM. (JP-AB)
- 730 KEZX **OR**, Medford 8/1 0825-0828 on top of the pile in a spot set, mentions of "Medford" and "Fox Sports Radio. Some norteña music underneath may be KDBI or KSVN. (GK-CA)
- 770 KCBC **CA**, Manteca 7/23 0846 with religious talk in partial KKOB null. (GK-CA)
- 890 KIHC **CA**, Arroyo Grande 7/16 0645 with many mentions of "Relevant Radio" fighting it out with dominant KDXU. (GK-CA)
- 920 KVEL **UT**, Vernal 7/1 2354 ID and spot for Varnico Supply in Roosevelt. (MS-CA)
- 930 KAFF **AZ**, Flagstaff 8/5 0832 country oldies. (GK-CA)
- 960 KNEW **CA**, Oakland 8/5 1230 with Bloomberg Radio news. (GK-CA)
- 980 KMIN **NM**, Grants 7/3 0800 "This is KMIN Grants, New Mexico." (RB-AZ)
- 990 KTKT **AZ**, Tucson 7/31 2301 callsign ID, Mexican pop music and "La Buena" slogan. (GK-CA)
- 1000 KKIM **NM**, Albuquerque 7/3 0759 series of ad spots and promos to man "KKIM Albuquerque." Signal suddenly came up strong at that point (switch to day power/pattern likely). (RB-AZ)
- 1040 WHO **IA**, Des Moines 7/8 0202 with "Radio 10-40, WHO" ID. (GK-CA)
- 1060 KTNS **CA**, Oakhurst 7/16 0601 with c/s ID sounding like "KAAD" and into ranchera/banda music. This has to be KTNS as they run //KAAT on FM and they must be running day power as I see no way they could cut through the pile-up with only 23 watts. (GK-CA)
- 1090 KAA Y **AR**, Little Rock 7/24 0555-0602 strong and half the time all alone in best KFNU null (SE), with no sign of XEPRS. Still missed the call letters at top of hour between lightning RFI and KFNU fading in, but caught promo tag at 0600:30 "...on AM 10-90 KAA Y." Music was modern adult vocals with religious lyrics. Still on night pattern, with over twice as much equivalent power in my direction than non-direction day. (JP-AB)
- KFNQ **WA**, Seattle 7/24 0600 "10-90 KJR" surprised me until I read that KJR had enough available sports programming for two stations, and KFNQ became that second station 18 months ago. (JP-AB)
- 1100 KFNX **AZ**, Cave Creek 8/5 1300 with "America in the Morning." (GK-CA)
- 1120 KCRN **CO**, Limon 8/6 0100 Behold! A legal ID! "KCRN Limon, Colorado Springs, Denver," by man on the hour. This suddenly came up over KANN that I was listening to (playing Christian rock). For days, I had suspected this new 50kw (days) station was what I was hearing, broadcasting EWTN Catholic programs. But there were no legal IDs on the hour. Finally I now have heard an ID, but didn't get a recording of it. Heard on nightstand radio, RS SW-2000629 – barefoot. Recheck at 0800 had them dominant and totally covering the channel with Catholic mass and still on after 0900. (RB-AZ)
- +8/7 2333-2336 dominant with KANN fading in and out under them; EWTN network ID at 2334:40 between questions from listeners phoning in Catholic theology questions. This 50kw daytimer was reportedly on the previous night a well, airing programming intended solely for the 250 watt FM translator. (JP-AB)
- KANN **UT**, Roy 7/8 0230 Christian pop music coming in clear, and no CCI at this time from Limon, CO (50kw KCRN). At 0300 that station did come up, although not completely blanking out KANN this time. (RB-AZ)
- 1130 CKWX **BC**, Vancouver 7/16 0622 fair and steady signal over the mess, heard on SW-2000629 and inductively coupled loop. Woman with ID, traffic report for Vancouver area. (RB-AZ)
- 1140 K GEM **ID**, Boise 8/6 0700 three stations on the channel, but "Salt and Light" dominant over the rest. ID on the hour, then Catholic talk show that is // to the broadcast from KCRN monitored on a second radio. One of the co-channels was surely KXST. (RB-AZ)
- 1170 KFAQ **OK**, Tulsa 7/5 2200 well before local sunset, suddenly covered KYET that we had been listening to, with local ad spots, into CBS news. Very good on SW-2000629 and Terk loop, inductively coupled. (RB-AZ)
- 1180 KYES **MN**, Rockville 7/27 0702 apparently the one with mentions of "Relevant Radio." Must be on Critical Hours power of 8kw at this time. (GK-CA)
- KOFI **MT**, Kalispell my first Montana catch heard 7/27 0700 with callsign ID mixing with KERN. (GK-CA)
- 1200 KPSF **CA**, Palm Springs 7/18 0327-0331 ending Tony Evans and beginning "Turning Point" with David Jeremiah. They dropped their Money Radio format and have gone to religious talk, apparently on July 11. (GK-CA)
- 1220 KHST **CA**, Santa Clarita 7/28 2321 pop music under KDOW. (GK-CA)
- 1270 KVMI **CA**, Tulare 7/2 0839 "Higher Love" by Steve Winwood followed by station promo/slogan "My 97.5." (MS-CA)
- 1280 KZNS **UT**, Salt Lake City 7/16 0842 with Fox Sports and "12-80 The Zone." (GK-CA)
- 1340 KTOX **CA**, Needles 7/16 0800 network news, over and under the GY jumble-rumble with jingle-chorus "K-T-O-X." (RB-AZ)
- 1450 KVEN **CA**, Ventura 7/4 2318 ID "KVEN, home of Dodgers baseball." (MS-CA)
- ?KCLX? **WA**, Colfax 7/26 0313-0322 sometimes very strong, but only during the music, classic C&W including 1957's "Walkin' After Midnight" by Patsy Cline. (JP-AB)
- 1460 KKAQ **MN**, Thief River Falls 7/26 0055-0117 strong and dominant with KUTI nulled, with "KKAQ" IDs at 0100, 0107 and 0117, likely running on 2500 watt day power. Contemporary country music then ABC news on the hour, long local weather forecast and back to the music. (JP-AB)

- 1480 KBMS **WA**, Vancouver 7/26 0248-0253 dominant with social issue PSAs then "KBMS" ID at 0250 into urban-oriented AC music, then all alone in all antenna directions at 0309. (JP-AB)
- 1490 KDBM **MT**, Dillon 7/26 0258-0308 dominant with "KDBM" IDs at 0300 and 0306:45, emphasizing both their country music and news programming; CJSN likely the one with C&W fading in and out 0303-0308. (JP-AB)
- 1630 KKGM **TX**, Ft. Worth 7/9 0615 DFW area weather and forecast by male announcer on what surely was local program. Over the usually dominant XEUT. (RB-AZ)
- 1680 KGED **CA**, Fresno 7/5 0245 break from Alex Jones to promos, good ID by man "Talk 16-80 KGED Fresno," heard on barefoot SW-2000629. (RB-AZ)

UnID

- 1160 UnID 7/30 0833 Spanish music under KSL. (GK-CA)

It was very sad to hear about the passing of longtime friend and fellow DXer Bill Block. He was one of my top reporters to WDXR and I will miss his reports to the column as well as the notes he sent along with his tips. I met Bill back in the 1970's shortly after moving to the Pacific Northwest. In addition to DXing we shared a love of camping and had many conversations on that subject (we even met at Mount Rainier National Park WA for a DXer Camping Get-together). Just days before he passed, on Facebook I noticed that he had liked one of my camping photos I had just posted while camping in Wyoming. Rest well my friend, you will be greatly missed by many! – Nancy 8/9 1900



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

RIDING GAIN

[EB-MO] **Eric Bueneman**, Hazelwood MO **N0UIHEric@gmail.com**

CountyComm GP-5/SSB Gen 3, CCrane CC Pocket Ultralight receivers, Grundig AN-200 tunable loop, Yaesu FRG-7, Worcester Space Magnet II

DOWN THE DIAL

- 610 WAGG **AL**, Birmingham. 8/8 good to fair signal over KCSP, WTVN. 0634 noted with prayers into Urban Gospel format. [EB-MO]
- 980 CFPL **ON**, London. 7/30 fair to poor signal, mixing with KMBZ, KSGM, WYFN. 0555 noted with a "Nine-80 CFPL" ID and local spots. [EB-MO]
- 1050 WGRI **OH**, Cincinnati. 8/6 fair to poor signal, mixing with other stations. 0611 noted with "103-point-One WGRI" ID, local promo into Urban Gospel format. [EB-MO]
- 1080 WNWI **IL**, Oak Lawn. 8/8 fair to poor signal over KRLD, ACI from KAAY 1090. 0608 noted with local news and spots in Polish. [EB-MO]
- 1130 WISN **WI**, Milwaukee. 8/8 fair to poor signal with ACI from KMOX 1120. 0723 noted with morning talk show mentioning Milwaukee. [EB-MO]
- 1140 KHFX **TX**, Cleburne. 7/6 fair signal over WRVA. 0555 noted with Christian teaching in Spanish, "KHFX Cleburne" legal ID in heavily accented English at 0600. [EB-MO]
- 1210 KUBR **TX**, San Juan. 7/31 fair to poor, no sign of KGYN or WPHT. 0558 with vocal Christian music and "La Cadena Cristiana" ID in Spanish. [EB-MO]
- 1310 KZRG **MO**, Joplin. /8 fair signal over WIBA, no ACI from KSIV 1320. 0738 noted with "News, talk KZRG" ID, weather forecast into local spots. [EB-MO]
- 1340 KSMO **MO**, Salem. 7/6 fair signal, mixing with WSOY and other stations. 0635 noted with Country format, "KSMO" ID. [EB-MO]
- 1350 KRNT **IA**, Des Moines. 7/9 fair signal over WKCU and other stations. 0547 noted with local spots, "13-50 ESPN, Des Moines' sports leader" ID into *ESPN Sports Center All Night*. [EB-MO]
- 1490 WGEZ **WI**, Beloit. 7/20 fair to poor signal, mixing with other stations. 2231 noted with spot mentioning South Beloit IL. [EB-MO]
- 1500 WBRI **IN**, Indianapolis. 7/17 good signal over KSTP. 0600 noted with sign-on, "Heritage Christian Radio, WBRI Indianapolis" legal ID into *In Touch with Dr. Charles Stanley*. [EB-MO]
- 1550 CBEF **ON**, Windsor. 7/30 fair to poor signal, mixing with KYAL and WPFC. 0538 noted with interview in French. [EB-MO]
- 1690 WPTX **MD**, Lexington Park. 7/31 fair to poor signal, at even strength with WVON. 0535 noted with Adult Standards format, "Timeless hits for all Del-Mar-Va, 16-90 AM WPTX" ID into local spots. [EB-MO]
- 1700 KBGG **IA**, Des Moines. 7/10 good to fair signal over KKLK, WEUP. 0500 noted with "17-hundred the Champ, real sports talk for real sports fans" slogan, local spots, CBS Sports Radio promos into *After Hours with Amy Lawrence*. [EB-MO]

FLASHBACK

50 Years Ago – August 16 1969 issue of "DX Monitor" ... **Bill Nittler** of Englewood CO told of his vacation to Palo Alto CA ... **Reid C Wheeler** of Aberdeen WA mentioned he was getting things ready for the new DX season ... **Patrick Martin** of Seaside OR logged his 11th Alaska station, KBTR 1270 ... **Bruce Portzer** of Seattle WA reported from Dawson Creek on his way further north ... **Fred Osterman** of Williamsville NY told of his job at Radio Shack ... **Dave Osborn** of Omaha NE wondered why there were no girls in the club. // **25 Years Ago – August 12 1994** ... **Larry Godwin** of Missoula MT reported on DX conditions at the time of the Jupiter comet collisions in late July and didn't notice any changes ... **Rick Evans** of Milwaukee WI mentioned he was in his 11th week of working overtime ... **Bill Townshend** of Washington DC told of his upcoming trip to England and Ireland ... **Patrick Martin** of Seaside OR raised his 2000 foot NNW Beverage to eight feet above ground.

OPEN MIKE

We received the sad news earlier this week concerning long time DXer **Bill Block**. Nancy had known Bill since the 1970s. I first met him at a convention years ago. Bill lived in Prescott Valley AZ and we always compared his DX to our reception here in Mesa AZ. Bill was one of the top reporters to WDXR for a long time. He will be missed. Interesting items in the above Flashback... Fred Osterman is of course the owner of Universal Radio, he started out at Radio Shack. Nancy knew Fred back then. Fred dated Nancy's sister! Larry Godwin mentioned the comet collisions into Jupiter. PBS' 'Nova' recently had an episode on Jupiter and detailed the comet collisions. Thanks to Eric we have a column this week. Next CDXR deadline is August 30th. This column was typed 8-9-19. 73, John



EASTERN DX ROUNDUP – Eric Bueneman (N0UIH) – 631 Coachway Lane – Hazelwood MO 63042-1347
Email: 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**, London ON, Canada **paulsnider@yahoo.ca**
 Elad FDM-S2 software-defined receiver, Pixel RF Pro-1B loop, MFJ-1020C as a tuner
- (RW-MD) **Robert Wien** (KG6RJW/3), Laurel MD
 CCrane CCRadio
- (RW-MD1) **Robert Wien**, on the road in Maryland, south of Washington DC
 Ford Fusion car radio

ACROSS THE DIAL

- 630 WSBN **DC**, Washington – **Ex-WMAL**. 8/7 1700 noted with ESPN programming, "ESPN 630 WSBN Washington, the Sports Capitol" legal ID. The usual strong daytime signal was noted. (RW-MD)
- WBMQ **GA**, Savannah – 6/22 2159 noted with "Your home for... football on Savannah's WBMQ" mention by a male announcer. "News/Talk 630 WBMQ" ID by another male announcer. The signal was noted mixing with WMAL, WMFD, Radio Reloj (Cuba) and an unidentified station with vocal music. (KK-VA)
- WMFD **NC**, Wilmington – 6/22 2157 noted with "ESPN Wilmington is now live at ESPN Wilmington-dot-com" mention by a male announcer. The signal was noted mixing with WBMQ, WMAL, Radio Reloj (Cuba) and an unidentified vocal music station. (KK-VA) (I'm guessing you're in WSBN's null toward CFCC and WLAP – eb)
- 940 WCND **KY**, Shelbyville – 7/25 0009 noted with a Regional Mexican format, "La Explosiva" slogan clearly heard at 0011 and 0013 into another music set. A poor signal was noted, no sign of the usual CFNV. (PS-ON)

- 960 WATS PA, Sayre – 7/26 2240 noted with an Adult Contemporary format featuring selections from Bob Seger and George Michael, weather forecast, mention of “from the Choice 102 Weather Center”, mention of WATS and WAVR, into another music set; first time noted in London. A poor to very poor signal was noted, mixing with WFIR and other stations. (PS-ON) (Choice 102 refers to WAVR Waverly NY – eb)
- 1000 WLNL NY, Horseheads – 7/16 2219 noted on after sunset with Christian music, announcer with what sounded like contact information clearly mentioning WLNL, into another music set. A very poor to briefly poor signal was noted under WMVP. (PS-ON)
- 1070 WNCT NC, Greenville – 7/18 0036 noted with a Beach music format featuring selections from Microwave Dave and The Nukes, The Supremes and Thelma Houston matching the online playlist, mention of Beach, Boogie and Blues-dot-com every couple of selections. A very good to poor signal was noted, blowing away CHOK. (PS-ON) (Beach music is a format unique to the Carolinas, mixing pop, rock and R&B Oldies and Urban AC, from what I could figure. WNCT usually beams their night signal out to sea – eb)
- 1260 WQOF DC, Washington – Ex-WSPZ. 8/7 1800 noted with Relevant Radio Catholic programming, “Relevant Radio WQOF Washington, DC” legal ID. The usual strong daytime signal was noted. (RW-MD)
- 1350 WIOU IN, Kokomo – 7/31 2313 noted with local ads, “WIOU” ID at 2314, into sports talk; first time noted in London. An occasionally fair to very poor signal was noted, occasionally over a Fox Sports Radio station (WARF or WOYK). (PS-ON)
- 1370 WRGS TN, Rogersville – 7/19 2309 noted with a possible “WRGS” ID, but definitely heard a “Hometown Radio” ID into a Country format. A fair signal was noted for a few seconds through WSPD open carrier; lost when WSPD returned to programming. (PS-ON)

UnID

- 1570 UnID 8/5 0515 noted with music and programming in Spanish; likely several possibilities. WYTI was in the background with a Country format. Noted atop the frequency; looping East-West. (RW-MD1)

EDITOR'S NOTES

Welcome to Volume 57! Thanks to Kraig, Paul and Bob for their logs in this issue. The DX season is just around the corner... it's a great time to check your receivers and antennas. I'm looking forward to this coming DX season. 73 and good DX from NØUIH, the Florissant Valley Dial Twister.



DX WORLDWIDE/TROPICAL BAND DX – Brandon Jordan – PO Box 338 – Rossville TN 38066
 Email: dxww.irca@gmail.com all times UTC

Deadline – Monday 1200 UT.

*** TRANS-PACIFIC DX ***

- 594 AUSTRALIA 3WV, Horsham. MAY 20 1209 – Good with man in DU English; had noted weaker ABC fanfare on the hour. [NHP-BC]
 JAPAN JOAK, NHK1, Tokyo. JUN 5 1138 – Excellent with two men in Japanese, briefly at this level. [NHP-BC]
- 612 AUSTRALIA 4QR, Brisbane. JUL 31 1236 – Fair with man talking //774. [NHP-BC]
- 702 AUSTRALIA 2BL, Sydney. MAY 20 1229 – Good with woman talking //612 which was much weaker, pretty much local sunrise. [NHP-BC]
 NEW ZEALAND Auckland, 'Magic'. AUG 3 1209 – Poor with vocal music //weak 1107, with 1107 slightly delayed; reprise at 1232 with ballad again leading 1107 slightly, but this time, 1107 was stronger. [NHP-BC]
- 747 JAPAN JOIB, Sapporo. NHK2. JUL 21 1152. Good with man in Japanese. [NHP-BC]
- 774 AUSTRALIA 3LO, Melbourne. JUL 31 1236 – Fair with man talking //612. [NHP-BC]
 JAPAN JOUB, Akita, NHK2. MAY 31 1124 – Excellent with man and woman in Japanese, with reprises of this strength at 1128 and 1130. This station occasionally popped up with excellent strength throughout mid-summer, such as JUN 5 1120, JUL 1 1122-1128, JUL 21 1143, and AUG 3 1203. During this time of year, there is a very short time when there is a darkness path between Japan and Victoria. [NHP-BC]
- 846t KIRITIMATI Radio Kiribati. JUL 18 0604 – JBA carrier, surely from Radio Kiribati. Too late for anything from Eurafraica in the summer, but not too early for propagation from Xmas Island. Last trace of 846 heard here (along with several others) was April 29 at 1121-1128. [GH-OK]
 +AUG 1 at 0532, JBA carrier vs storm noise level, presumed Radio Kiribati, 10 kW, rather than anything from Europe this late where there are only *3* stations on 846 ranging from 0.3 to 1 to 3 kW, in Ireland, Denmark, and Italy. [GH-OK]
- 882 NEW ZEALAND Auckland, 'Star'. AUG 3 1229 – Poor with ballad //909. [NHP-BC]
- 909 NEW ZEALAND Napier, 'Star'. AUG 3 1220 – Poor with male ballad; weaker by 1229, but that was when //882 noted. [NHP-BC]
- 972 REP KOREA HLCa, Dangjin. JUL 21 1138 – Good with man in Korean. Also noted at this level AUG 11 1220, with man in Korean talking to another on phone. [NHP-BC]
- 1107 NEW ZEALAND Tauranga, Magic Talk. AUG 3 1209 – Poor with vocal music //702, with 1107 slightly delayed; reprise at 1232 with ballad //702 again leading 1107 slightly, but this time, 1107 was stronger. Very happy with this new one. [NHP-BC]
- 1206t CHINA Yanbian, PBS. JUL 30 1139 – Poor with man and woman in Korean? (This was off channel, so likely Yanbian), first sign of Chinese audio since 9 May. [NHP-BC]
- 1386 JAPAN NHK2 synchros. AUG 2 1152 – JOQC Morioka most likely? Weak, but man talking //774; early in the season to hear this one. [NHP-BC]
- 1566 REP KOREA HLAZ, Jeju, FEBC. JUL 21 1126. Good with woman in Chinese. [NHP-BC]

*** PAN-AMERICAN DX ***

- 950 MÉXICO XECEL, Radio Lobo, Celaya, Gto. JUL 15 0445 – Regional Mexican music, announcements/possible ads, heard "Radio Lobo" ID a few times (especially clear @ 0513), more music. Fair at times over WWJ to very poor. Also heard Radio Reloj in there as well. // to Tune In stream, but a few minutes behind. I have had a few people tell me this station switched off their AM outlet in about 2017, but I'm 99% sure about this. I wasn't even thinking at the time this was them until I heard their clear ID. [PS-ON]
- 1000 COLOMBIA RCN Cartagena. JUN 23 0254 – Talk by female announcer, possible ads and/or promos (some mentioning Colombia), "La Radio" mention @ 0301, into what sounded like the news read by a male and female. Fair to very poor with WMVP mostly mullied. // to Tune In stream. [PS-ON]

CONTRIBUTORS

- NHP-BC NICK HALL-PATCH, Victoria, BC nhp@ieeee.org
 AOR AR7030, RFSpace SDR-IP; 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.
- GH-OK GLENN HAUSER, Enid OK
 DX-398 with internal antenna only or PL-880; NRD-545 with ALA-330S inside E-W or inside random wire N-S; Nissan stock caradio as specified; ICR-75 E-W longwire.
- PS-ON PAUL SNIDER, London ON
 EladFDM-S2, Pixel Pro 1B loop, MFJ-1020C as tuner

Many thanks to for this week's logs! Grats to Nick for his log of Magic Talk 1107. 73 and Good DX, Brandon

Pacific Asian Log Update (Bruce Portzer via IRCA eGroup)

7/21. I recently completed the July 2019 edition of the Pacific Asian Log. It was actually posted a couple of weeks ago, but I didn't have time to send out an announcement before going on vacation.

This edition has many changes and updates for stations throughout Asia and the Pacific. Most of the updates have been from actual monitoring via remote receivers in East Asia and elsewhere, which should improve the accuracy of station IDs and other information.

The PAL has been posted on the radioheritage website: <http://www.radioheritage.net/>. The link for the PDF version is at the top center of the site's main page. You can also use an interactive version of the PAL by going through a couple of the site's internal links. Members of the IRCA mailing list in groups.io can also download the PAL from the files page at <https://groups.io/g/IRCA/files>.

The next update will probably be published in a couple of months.

Corrections and updates from users are always welcome and can be sent to bpportzer@comcast.net or portzerbt@gmail.com.

First issued in 2001, The PAL lists medium wave and domestic shortwave broadcasting stations in southern and eastern Asia and the Pacific. It includes about 5000 stations in over 50 countries, with frequencies, call signs, locations, power, networks, schedules, languages, formats, networks and other information.

Bruce

Mexican stations with expired licenses (Tim Hall via ABDX eGroup – AM only used with permission)

8/1. From a Mexican radio Facebook group, here is a list of (AM – pb) stations whose license have recently expired.

This list is useful in more than one way:

Under the IFT (government agency which took over radio license management from the SCT in 2013), any station whose license lapses for even one day must re-apply, and if approved, **will be granted new call letters** (this has already happened a few times, as with the 630 and 1080 in Jalisco). Looks like we might see quite a few changes in Ciudad Juarez?

We can discern some cases where stations appear to have **finished migrating to FM** and turned in their AM licenses.

Still (reportedly) on the air at this time:

600 XEMN Monterrey, Nuevo León (La Regiomontana)	1150 XEAD Guadalajara, Jalisco (Radio Metrópoli)
860 XEZOL Ciudad Juárez, Chihuahua (860 Radio Noticias)	1420 XEF Ciudad Juárez, Chihuahua (Activa 1420)
1000 XEFV Ciudad Juárez, Chihuahua (La Rancherita)	1450 XEH Monterrey, Nuevo León (La H)
1110 XEVS Hermosillo, Sonora (Máxima FM) – NOTE: I have heard that the license for XEVS-1110 has been turned in.	1560 XEJPV Ciudad Juárez, Chihuahua (Radio Deportiva)
XEWR Ciudad Juárez, Chihuahua (Radio Cristo Rey)	1580 XELI Chilpancingo, Guerrero (Máxima FM)

Off the air:

1290 XEDA Ciudad de México (Radio 13)	1450 XEDJ Magdalena de Kino, Sonora (Radio Clave)
1320 XENET Ciudad de México (Radio Monitor)	

8/1. The following URL shows coverage maps as of December 2016 for Mexican AM stations. It is published by the INE, which is the agency overseeing Mexico's elections. <https://tinyurl.com/Mexico-AM-maps-2016>

This reflects the AM stations that were believed to be on the air in 2016. I believe several of these stations have subsequently left AM. Admittedly the maps look pretty odd....

The following additional 27 stations have informed me via Facebook message in July 2019 that they have finished migrating to FM and turned off their AMs.

780 XEWGR-COAH	960 XETAP-CHIA	1070 XEGY-PUEB	1300 XEKW-MICH	1430 XELL-VER
850 XEZI-MICH	XEROO-QROO	1140 XEXF-GJTO	1330 XEMAC-COL	1520 XEVO-VER
860 XEAL-COL	970 XEVT-TAB	1170 XEUVA-AGUA	XEEV-PUEB	1590 XEBZ-CHIH
920 XECQ-SIN	1010 XEWS-SIN	XEIB-SON	1340 XEOS-SON	
950 XEACA-GUER	1020 XEPIC-NAY	1190 XEPP-VER	1400 XEKJ-GUER	
XEZE-NAY	1050 XEZUM-GUER	1270 XERRT-TAMA	XEI-MICH	

The following 3 stations have confirmed in July 2019 that their AM stations are still active:

640 XETAM-TAMA	920 XEZAR-PUEB	1000 XEML-YUC
----------------	----------------	---------------

As always, there is no guarantee that every station employee answered correctly, but of the 200+ responses I have received so far, only a few have been questionable. In the list of stations above, I think only XEWGR has been logged by DXers fairly recently.

8/2. I just started hearing about this yesterday. A bunch of stations have let their licenses expire (or failed to pay the renewal fees), including several AMs in Ciudad Juarez which might be considered "pests" to a lot of us DXers in the west. If these stations were still off the air at my next Border Inn trip in October, it could really open up a few channels....

<https://www.eleconomista.com.mx/empresas/IFT-apaga-17-estaciones-de-radio-AMFM-con-foco-en-Ciudad-Juarez-y-Gomez-Palacio-20190802-0031.html>

Can anyone living near these stations confirm that they have gone off the air? **Tim Hall**



DXpeditions – Phil Bytheway – 9705 Mary NW – Seattle WA 98117-2334
Email: DXM.EIC@gmail.com

AM DX at Menauhant beach (Roy Barstow – Falmouth MA via IRCA eGroup)

6/20. Cape Cod where people come to cool off and enjoy themselves. But today not so unless they are at a beach as it will be hot and muggy.

So a good day in this cellar DX shack to send off a report. Menauhant Beach – July 13-14 2019. 6 foot x 12 foot loop – FDM-S2 with Amplifier.

2345 – Antenna 130 Degrees

576 carrier, 828 audio weak, 846 carrier, 945 carrier, 990 Portuguese w/game, 1020 Portuguese Hindo Radio?, 1026 carrier, 1089 Unknown Asian singing LSB, 1206 carrier and stronger than 1215, 1224 carrier.

0000 – 130 degrees

620 **BRAZIL** Portuguese in the mix with a jingle or notes repeated a few times. ToH. Whistle.
828 **AFS** Magic 828, Capetown. If ID at ToH. I did not catch it. Going from one song to another. Classic rock song, "Life's Been Good", by Joe Walsh.
840 **HAITI** In the mix with the help of Fredrik Douren, RealDX.
860 **BRAZIL** Portuguese talk with a soccer game and mixing with Canada and others.
940 **BRAZIL** Super Rede Boa Vontade, Rio – Slow talking man in Portuguese, maybe a drama or religion, mixing with Spanish and others.
950t **ARGENTINA** Weak under WROL and others with 5+1 pips. LSB.
1089 **ALGERIA** Adrar. Believe it was them as others from same area coming in this night.

0006 – 130 degrees

846 **AFS** Komga. With heavy beat music. S 4 first part of file.

I stay on 840 and if 828 or 846 carriers starting to get stronger I start recording.

0030 – 130 degrees

700 **BRAZIL** Nossa Radio, São Paulo. Identification after a song. Mixing with others.
720 **BRAZIL** Recife. Presume w/Portuguese talk. No pips heard. 720 Radio Guaiba has pips every 15 minutes.
750 **BRAZIL** Radio America, Belo Horizonte. ID into a religious program. In good.
981t **ALGERIA** Weak with slop.
990 **ARGENTINA** With 2+1 pips at the half hour. I have yet to find another station with 2+1 pips at the half hour. Also thanks to Mauricio Molano of RealDX.
1039.626 **VENEZUELA** in fair at S6 with Latin music.
1152 **UnID** Maybe English like BBC News. A man and woman alternating and brief moments of sound or fast music at times in between the talk. Weak.

0045 – 130 degrees

684 SPAIN Talk at S 5-7.	864 UnID carrier.
747 SPAIN Also talk at S 4-6.	936 MOROCCO Music and talk at S 6-7. 2 high pips, pause, 2 high pips, pause, then 2 lower pips. //612.
760 BRAZIL On top.	945 UnID Carrier, 954 some audio.
810 BRAZIL Radio Verdes Mares, Fortaleza. Good above others.	1089 UNITED KINGDOM in now w/sports talk at a fair level.
828, 837, 846 AFS music	
855 SPAIN w/talk	

Many more carriers and 1206 in a few times could have been Mozambique. Last summer in best around early Sept.

0100 – 130 degrees

- 711 **WESTERN SAHARA** Weak USB w/slop.
750t **ARGENTINA** 5+1 pips in the mix.
760 **BRAZIL** and others.
810 **BRAZIL** and others.
840 **UnID** Sounded like an anthem with a trumpet.
950 **ARGENTINA** Not sure which one but 5+1 pips under WROL.
1190 **ARGENTINA** Radio Nacional, Tucuman. Some Spanish along w/5+1 pips. Under WLIB. This station received last summer.
1290.3 **BRAZIL** Had it on 1290 with WKBK NH but at mid-file a woman in Portuguese wiped out WKBK. Don't you just love it when a distant station can take out your semi-local.

0130 – 180 Degrees

- 620 **ARGENTINA** Radio Nacional. On LSB with pips. 1030 **ARGENTINA** del Plata, Buenos Aires. Fair under WBZ.

On the 620 Argentina the pips at 25 seconds. The 1030 Argentina the pips come after the jingle, 3 pips and you may need headphones. So that just another DX sojourn at my local beach 4 miles away.

7/22. Today and tonight the weather being hot I decided the best place to be was at a beach so had my DX equipment on hand. The first few files showing instability of the signals and dropouts but was more stable later.

0000 – 160 degrees

- 840t **ARGENTINA** 5+1 pips in the mix. 11190 **ARGENTINA** 5+1 pips in the mix.
910 **ARGENTINA** or **COLOMBIA** with 5+1 pips. 11270 **ARGENTINA** 5+1 pips in the mix and weak as the above 1190.

0030 – 160 degrees

- 840 **ARGENTINA** Bahia Blanca. Mention of Radio Nacional and 2+1 pips which goes along with the 5+1 pips mention earlier.
1190 **ARGENTINA** Radio Nacional, Tucuman. Weak with 2+1 pips which goes along with the 5+1 pips mentioned earlier.

0100 – 135 degrees

- 700 **ARGENTINA** Cordoba. After a long song the announcer said, Argentina and at 0102:30 after the lightning strike the pips lost in the static and noise.
800 **BONAIRE** PJB. Good.
820t **ARGENTINA** Weak but the pips like code got through.
840t **ARGENTINA** The 5+1 pips at the start then at 100:40 a man saying something like Radio Caspavera, the ID at 36 seconds. Also that station before the ID had a few bars of the song, Dashing Through the Snow. And musical notes that maybe a few have heard this station. Using USB w/filter at 2.000. AGC slow. The pips heard in the USB mode but using the LSB a blending of the pips, so 2 stations here with pips.

0115 – 135 degrees

- 846 **AFS** Komga. Best at mid-file at S 5-6 with African music. Not much quality on the clip below but the cadence of the music African.

0130 – 135 degrees

- 700 **ARGENTINA** In the mix with 2+1 pips on LSB.
830 **WTRU NC**. In passing noted with a religious program and on top of channel.
870 **ARGENTINA** Radio Nacional, Buenos Aires. 2+1 pips in the mix.
1030 **ARGENTINA** In good and beating up WBZ at mid-file. USB.

0135 – 90 degrees

- 1125 **SPAIN** Talk at S 6-8.
1215 **UNITED KINGDOM** Good.
1413 **SPAIN** With noise. Seems like noise to a certain degree during summer.
1422 **ALGERIA** Good.
1431t **DJIBOUTI** Presume this with music and best around mid-file.

This being a hot day the parking lot almost full. A man from a large group came over and asked what I was doing. I told him and he said, after you're all through with the set-up come over for a bowl of clam soup. Which I did. I had to wait awhile later to slip into my favorite position 135 degrees to DX from. I guess you can say I had a one pointed mind looking for Argentine stations. But many others from Brazil etc. were in.

7/25. The 6 foot x12 foot loop I DX with will now just be called a 12 foot stick.

0000 – 135 degrees

- 610 **BRAZIL** Soccer. 760 **BRAZIL** Fortaleza. Mixing with WVNE.
700 **BRAZIL** Nossa w/talk. 810p **BRAZIL** Presume Fortaleza with soccer.

0030 – 135 degrees

- 720 **BRAZIL** Portuguese talk into music. 936 **MOROCCO** Talk but weak.
828 **AFS** Magic 828.

Not a lot of nice stuff but much better than at home.

7/26. I am reloading this DX report for the benefit of Chris Black, go get um DX Chris and don't for off the cliff.

2330 – 135 degrees

- 1040 **BRAZIL** Radio Capital, São Paulo. In good.

0000 – 135 degrees

- 600 **BRAZIL** Porto Alegre. 4 pips with last pip higher pitch. Under WICC.
610 **BRAZIL** Belo Horizonte. Soccer game in fair under WGIR.
690 **BRAZIL** Radio Shalom, Fortaleza. On top of channel. Thanks to Alessandro of RealDX.
700 **BRAZIL** Nossa, São Paulo. Talk in fair.
720 **BRAZIL** Porto Alegre. On top w/5 pips. 2015 NFLD has them with no pips. The Kiwi SDR in Glorinha has them as 5 pips.
760 **BRAZIL** Fortaleza. Good.
810 **BRAZIL** Fortaleza. Good.
860 **BRAZIL** Radio Cidade de Fortaleza, Mara Canau. Good with ID and mention of Macapa.
940 **BRAZIL** Rio de Janeiro. Slow talking man in Portuguese – Same program and lead in as 7/14/19 at 0000.
1060 **BRAZIL** Radio Grande, Belo Horizonte. Man and a woman in Portuguese and maybe a singing ID. But add noise to the equation.
1100 **BRAZIL** São Paulo. Good with talk.
1280 **BRAZIL** Radio Tupi, Rio de Janeiro. Talk with identification and mixing with others.
1290.3 **BRAZIL** São Luis. Best on 1292.5 with a fast talking man. Mid-file over 1290.

0030 – 135 degrees

- 540 **ARGENTINA** Radio Nacional. After WLIE went to night power I could hear 2+1 pips. The station on top with a woman singing and the one under her with a game was Argentina. //820 pips at 11 seconds.
560t **ARGENTINA** After the main player said, Liberty I heard 1+1 pips. Most likely the second pip covered up. Will have to check this channel next trip.
630 **PUERTO RICO** WUNO. Giving WPRO a run for the money.
650t **COLOMBIA** In with a soccer game with 5+1 pips. Argentina as far as I know does not have 5+1 pips at the half hour.

680 **PUERTO RICO** WAPA. Talk under WRKO.
 700 **ARGENTINA** Cordoba. 2+1 pips with ID as Cadena – Mixing with Nossa Brazil.
 750 **BRAZIL** Radio America, Belo Horizonte. Good with a religious program. Same as 7/14 0030.
 760 **BRAZIL** Mostly on top with others.
 780 **ARGENTINA** Radio Nacional, Santo Tome. Soccer game. //540, 820. Pips at 6 seconds.
 820 **ARGENTINA** Radio Nacional, Formosa. Mixing with WNYC with the soccer game. USB 1.8 filter with AGC slow. Pips at 12 seconds. //540, 780.
 840 **ARGENTINA** Radio Bahia Blanca, Bahia Blanca. 2+1 pips in the mix w/ID. Heard before.
 870 **ARGENTINA** Radio Nacional. LSB with 2+1 pips under WLVA and Cuba.
 1170 **COLOMBIA** Caracol Radio, Cartagena. Clear ID from a man with others.
 1190 **ARGENTINA** Radio Nacional, San Miguel de Tucuman. Some of the soccer game in quiet times of WLIB. With 2+1 pips. The 2+1 pips from Argentina Radio Nacional all started at the exact same time.
 1310.052 **UnID** Carrier.

0045 – 135 degrees

540 **DOMINICAN REPUBLIC** Radio ABC. Thanks to Jari Savoianen of RealDX.
 1050.150 **UnID** loud carrier.

I hope the picture of the truck with the loop on it received (see below – pb). The camera used was a Sony RX 10 IV, what is called a bridge camera, between a point and shoot and a SLR. This trip to Menauhant beach sucked in some good stuff as when one can //Argentina stations becomes a + factor.

8/1-2. Was at the beach early to see if anything of interest coming in. At 2300 the Brazil carrier on 1290.3 at a good level. More noise tonight but still DX to be had. It started getting hot around sunset.

0000 – 135 degrees

700 **BRAZIL** Nossa, São Paulo. On top with talk and Argentina under them with its 5+1 pips.
 720 **BRAZIL** Radio Guaiba, Port Alegre. Fair with noise – Guaiba mentioned.
 750 **BRAZIL** Radio America, Belo Horizonte. Talk with Radio America a few times in the conversation. Above others.
 760 **BRAZIL** Radio Uirapurú, Fortaleza. In the mix but the theme music stands out.
 828 **AFS** Magic 828, Cape Town. Fair at times with, "Simply Irresistible", by Robert Palmer.
 840 **ARGENTINA** Radio Bahia Blanca. LSB with 5+1 pips at ToH. Talk along with others.
 1422t **ALGERIA** Weak.

0015 – 135 degrees

610 BRAZIL Woman in Portuguese and maybe Cuba and others.	1215 UNITED KINGDOM Weak w/music.
740 BRAZIL Radio Soc. da Bahia, Salvador. Man and a woman in Portuguese talk. Bahia mentioned. On top.	1296 SPAIN Fair.
940 PUERTO RICO WIPR. Good, also on top.	1305 SPAIN as above.
1089 UNITED KINGDOM Fair at S 6-7.	1340.07 UnID carrier, but I see Bermuda not on.
	1431 UnID With bits of music.

0030 – 135 degrees

550t **PUERTO RICO** WPAB. Talking going on with 2 woman and mention of Puerto Rico a few times.
 620 **ARGENTINA** 0030:12. 2+1 pips. Radio Nacional synchro – 4 Radio Nacional stations here. Many stations in the mix but the pips get through. The pips are at 27 seconds. Number 15 from this country.
 621 **SPAIN** Music and talk //684.
 700 **ARGENTINA** The pips are at 16 seconds.
 750 **ARGENTINA** Radio Nacional, Cordoba. Pips at 19 seconds. Argentina # 16.
 830 **UnID** Mixing with WCRN. Maybe Dominican. Republic? Pips at 12 seconds. Also another later.
 940 **BRAZIL** Super RBV, Río de Janiero. Man in Portuguese saying Nacional, etc. Along with QRM.
 990 **ARGENTINA** 2+1 pips under other stations. LA 990 Radio Buenos Aires has the 5+1 pips at ToH and 2+1 pips at the half hour. Not sure if 990 Formosa has.

Ive got two tickets to Paradise, won't you pack your bags we'll leave tonight. In my case, I've got 2+1 pips to paradise wont you pack your bags we'll leave for Cape Cod tonight. Just a little fun.

0100 – 135 degrees

620 ARGENTINA 5+1 pips but weak.	630 PUERTO RICO
750 ARGENTINA As above.	760 PUERTO RICO

0130 – 135 degrees

700 ARGENTINA With 2+1 pips just before the half hour under WLW.	1030 ARGENTINA Good old Argentina with music to put one to sleep.
810 COLOMBIA	1170 BRAZIL mixing with WWVA.
830 DOMINICAN REPUBLIC	

8/6. 0000 – 140 degrees

600 PUERTO RICO WYEL. Mixing with Cuba, Rebelde with soccer and others.	936 and 945 carriers.
720 BRAZIL Radio Guaiba. On top with 5 pips. Under Argentina or Spain w/5+1 pips.	972 UnID Carrier no audio but of interest to me.
750t BRAZIL Radio America. Woman in Portuguese.	1039.62 VENEZUELA With Latin music – Strong enough to bother any ID on 1040.
828 AFS Magic 828. Presumed with bits of music.	1089 UnID Weak.
837 SPAIN Pips, theme music, and into news. S 4-5.	1179t SPAIN .

Many or more than normal SSS stations at this time along with a few stations with Emergency Broadcast System testing. And this evening more than normal static and noise due to persistent storms in the Atlantic Ocean off the East coast of North Carolina.

0030 – 140 degrees

700 **ARGENTINA** Talk along with pips. This station seems to be in each time I hit this beach during the summer for DX.

0100 – 140 degrees

936t **MOROCCO** Talk with noise and splatter.

From 0100 to around 0120 had a carrier on 1020.110. Also of interest carriers on 702 and 1206. The 1206 carrier (no audio) was stronger than 1215 at 0112. So not a hell of a lot but each trip opens up possibilities.

8/11. This was a Friday on Aug. 8-9 19 UTC times.

Before I went I checked the lightning maps and as in almost every day lightning in the Atlantic in my path to the Mother Land. That being South of the equator. After I was all set up I moved into the spot I like after a couple left. My MOA, (method of operation) being I check on the computer that all is working OK and if early I just go for a little walk. Now the waterfall on the computer had as many horizontal lines as vertical lines making it look like a checkerboard. But I was not discouraged and made files from 7:30PM till 9:30PM local time. Did not move the truck after I had it pointed at 135 Degrees.

2330

720 **BRAZIL** Radio Guaiba, Porto Alegre. All alone with talk and 5 pips.
 860 **BRAZIL** Fortaleza. Good signal despite static. Talk with CJBC weak under them.
 870 **ARGENTINA** Radio Nacional, Buenos Aires. In the mix with 2+1 pips.
 936 **MOROCCO** Mix of music and talk at S 4-5.

0000 – 8-10-19

- 610 **BRAZIL** Static crashes along with WGIR. Woman in Portuguese and maybe a singing ID.
700 **BRAZIL** Nossa. A Familiar Portuguese speaking woman with words along with noise and drop outs of audio.
750 **BRAZIL** Radio America. With a religious program as the man said, Hallelujah a few times and a mention of São Paulo.
760 Interesting – First part of file had WVNE MA and Fortaleza with its theme music mixing. Then after WVNE went to bed it was Fortaleza and another from Brazil under them. This may have been Macapa as received before.

This channel as well as 700 and 720 can be very productive early before the big boys from the Great Lakes kicks in.

- 870 **CUBA** Minute Man on top with Argentina w/5+1 pips under.
981t **ALGERIA** Weak w/slop.
1040 **BRAZIL** Radio Capital, Rio de Janiero. In the mix.
0030
540 **DOMINICAN REPUBLIC** Good signal on top with ID.
549 Jill FM with hip hop music. At S 5.
590t **ARGENTINA** Pips under WEZE.
700 **ARGENTINA** With 2+1 pips and a woman talking with Argentinean intonation under WLW.
860 **ST KITTS and NEVIS** This is Von and 6 o'clock the woman with a French accent. On top.
864 **EGYPT** Weak with Koran.
870 **ARGENTINA** Radio Nacional, Buenos Aires. With its 2+1 pips at the half hour a giveaway for Argentina. Along with music and talk from a strong R. Reloj.
The above station heard on most files this night and could be had maybe with a car radio at a beach as 100 Kw.
1130.596 **UnID** about this frequency plainly seen on the waterfall next to WBBR NY with a strong carrier.
1170 **BRAZIL** Portuguese under WWVA.

0100

- 590 **ARGENTINA** Radio Continental, Buenos Aires. Under WEZE LSB with 5+1 pips. In the clip the pips start at 16 seconds and 1 or 2 pips not clear.
700 **ARGENTINA** 5+1 pips under WLW.
720 **ARGENTINA** or **SPAIN** with 5+1 pips in the mix.
950 **ARGENTINA** Radio Belgrano, Buenos Aires. LSB. After some music the 5+1 pips. 5+1 pips also on the Buenos Aires Kiwi for this station. In this clip the pips start at 23 seconds – The 2nd pip mixing with a time marker from another station. NEW.
1030 **ARGENTINA** Radio del Plata, Buenos Aires. Under WBZ with talk and a slow torch song by a woman. Seems like Buenos Aires zeroed in tonight.
1190 **ARGENTINA** Radio Nacional, San Miguel de Tucuman. 5+1 pips after the man says, "This is your host of Gospel." Pips loud and clear on the clip.

0130

- 700 **BRAZIL** and **ARGENTINA** mixing.

8/6. These pictures at Menauhant Beach, East Falmouth. The truck about 200 feet from the sea.

Mark Connolly made the transformers (which I filled with epoxy) and the null box. The 12 foot by 2x4 I drilled holes in so OLD ROY can handle it. The bottom wire stapled to the 2x4. I use speaker wire to the null box and then to the amplifier (powered by a small battery) to the FDM-S2 to the computer.



Take care, Roy Barstow – Falmouth

Baltic Cruise DX (Bruce Portzer via IRCA eGroup)

In mid-July, my wife and I went on a ten day cruise around the Baltic, starting and ending in Copenhagen with stops at Warnemunde (Berlin), Tallinn, St Petersburg, Helsinki, and Stockholm. Naturally, I was eager to hear how the radio dial sounded in that part of the world, so I brought along a Tecsun PL-380. Most of my listening was done by placing the radio next to the stateroom window, which worked out reasonably well as long as I got up and stretched once in a while.

My DXing time was rather limited. For one thing, the sun didn't set until after 10 pm most nights. For another, we had several days when shore excursions left quite early, so we usually needed to wake up before 6 am. As a result, my listening time was limited to an hour or two of sunset DX just before bed time.

There was much to be heard, even though many European countries have eliminated medium wave broadcasts (or nearly so). The biggest surprise was the large number of Romanian stations, especially the Actualitati network, which still has lots of high powered transmitters in a relatively small country. Middle-eastern stations (Iran, Kuwait, Saudi Arabia, Egypt, and Syria) were heard often but not very reliably. One minute there might be several of them audible and a few minutes later none.

Due to the time limitations, I didn't hear much from Western Europe or North Africa (except Egypt). A few Brits were noted when we were near Stockholm and Copenhagen, but I never heard any Spaniards, Algerians, or Moroccans. I probably would have heard some of them if I'd stayed up later.

Here's a summary of what I captured in my notes. Sorry, no recordings are available. For reference purposes, on 7/18 we were between St Petersburg and Helsinki, 7/19 a few hours west of Helsinki, 7/20 a few hours south of Stockholm, and 7/21 in Danish waters.

Many thanks to Mauno Ritola for reviewing an earlier draft of my logs and helping with the UnIDS.

EGYPT: 864 was heard several times with recitations and a good signal. 819 was heard tentatively a couple times, ie 1938 7/18 with interview in Arabic but no ID. 1503 was noted a few times with recitations.

ESTONIA: 1035 was noted with fair-strong signal just about everywhere.

FRANCE: TWR-1467 was tentatively heard w/religious program in unid language (listed as Polish) running across ToH 2000 7/18.

GREAT BRITAIN: TalkSport 1089 was quite good 2040 7/20 w/promo and many IDs //weaker 1053. Absolute Radio 1215 was good 2049 7/20 w/ID and rock music.

HUNGARY: 540 was heard a couple of times but sounded like it was using a lot less than the listed 1 MW power output.

- IRAN:** 1026 was noted several times, at 1930 (local midnight) it had an anthem that sounded like it was sung by a group of soldiers. The buzz saw jammer was quite loud at times on 1575. Apparent Iranian on 1062 was //1026 at 2005 7/20 w/Mideast music. According to Mauno, 1062 should not be //1026, but at the time it was carrying "Shabhaye Iran", which starts at 1930 in summer time. Similarly, I had 1269 //1278 at 2120 7/19. Mauno says they were airing the Shabhaye Iran program, and wouldn't otherwise be //. 1314 was heard 1942 7/20 w/male talk //1512. Shabhaye Iran again and not normally //.
- KUWAIT:** 7/20 1900 on 1548, Mid-east pops, Radio Sawa ID, then what sounded like news in Arabic, fair u/Moldova.
- LITHUANIA:** Baltic Waves on 1386 was good in Russian everywhere we went.
- MACEDONIA:** On 810, 2026 7/20 fair-good w/light jazz, 2030 woman w/a couple of Radio Makedonija IDs.
- MOLDOVA:** Three stations were easily heard wherever we went. Vesti FM-1413, TWR-1548, and TWR-999 which has 1945 signoff. I probably also heard Moldova on 1494 (see UnID list below).
- NETHERLANDS:** tentative 7/21 1902 south Asian songs on 1566 briefly good, 1908 switched to man on phone in subcontinent language. No ID or location heard, but Vahon Hindustani Radio is the only thing listed that fits.
- ROMANIA:** My biggest surprise was the large number of Romanians that are still active. Many were quite strong, especially on the Radio Romania Actualitati network. It had distinctive programming that made it easy to pick out: a news program at 1900 UTC, followed by comedy one day, rock music on another, etc. Those heard include 603 (with slight echo) 720 756 855 909 945 1152 1179 1332 1422 1458 1530. Several possible Romanian regional/local stations were heard but never IDed.
- RUSSIA:** I found three stations active in St Petersburg. 828 seems to be on full time with various religious programs. I didn't catch an ID but several slogans/program names are used at various times. It has a good daytime signal into Helsinki harbor. 684 is listed as Radio Radonezh and operates evenings only, signing on at 1600. Mauno says signoff is 2100. Radio Marijas 1053 is also on an abbreviated schedule: not on the air 7/17 and 18 when I checked before 0400. Was on the air late afternoons when we returned to the ship, with religious program on 7/17 and OC on 7/18 (not sure of the times). I caught a couple of Radio Marijas IDs at 1600 7/18. It seemed to go off at about 2000 UTC +/- . Mauno says their schedule is 0700-1100 and 1500-1900. There's also a beacon audible on 596 kHz with Morse "KDKD" ident.
- SAUDI ARABIA:** the stations on 1440 and 1521 were noted // at 2018 7/18. 1521 was much weaker than I expected, maybe using less power than in the past? 882 also tentatively heard w/Qur'anic recitations 1925 7/18.
- SYRIA:** I'm assuming was the one with Arabic talk and mid-east music on 783, several times, often good.

UnIDs:

- 1098 Classical music good 1924 and 2004 7/18, Slovakia?
- 1215 Station w/interview or discussion by 2-3 men 1958 7/20, sounded very casual like they were sitting on a porch talking about nothing specific. Unsure of language. Continued across ToH with no sign of stopping. Mauno's recording on that date had a Jeddah ID and similar program at 1900, so that's probably what it was.
- 1323 German talk 1832 7/19. Probably Radio Targu Mures, Romania, which has German program at this time.
- 1494 1900 7/18 instrumental music to ToH, then man in UnID language, cut off in mid-sentence and didn't return, I'm assuming this was intentional and the program probably continued on FM or another AM freq(s). Probably Moldova.
- 1494 Romance language briefly good 1829 7/19 w/ID sounding like "Radio Anova Nacional". Probably Radio Moldova Actualitati.
- 1512 Middle eastern music, female ancr in Arabic or similar language 7/20 1920, fade across BoH then anthem (?) 1931 then man and woman w/what sounded like news. Probably Iran, but Saudi possible.
- 1593 2007 7/19 someone playing "I'm a Believer" by the Monkees, of all things. Also a couple of male love ballads in what sounded like Italian, probably Romanian.

August 2019 Rockwork Cliff DXpedition (Gary DeBock via IRCA eGroup)

7/29. Later this week an adventurous group of transoceanic DXers will descend upon a 500 foot (154m) plunging ocean side cliff on the Oregon coast, searching for antenna setup space among the "sleeping squatters" for enhanced trans-equatorial DX from the South Pacific. This will be the ninth annual Rockwork Cliff DXpedition – featuring a type of transoceanic DXing as different from a flat ocean beach as night and day.

Originally chosen as the ideal site to test out the new, ultra-compact FSL antenna in an ultra-tight space where conventional DXpedition antennas couldn't possibly be deployed, the Rockwork cliff has since morphed into the ultimate testing site for compact broadband loop antennas, where the cliff's potent transoceanic signal boost more than compensates for any lack of antenna size. Within a couple of years the Rockwork cliff shattered the all-time Grayland record for New Zealand reception, a capability it has demonstrated over and over in the succeeding years. The Rockwork cliff also holds the all-time record for South Pacific NDB reception on the west coast (by a comfortable margin). This is despite the fact that the Rockwork antennas are always a fraction of the size of those typically deployed on flat ocean beaches.

DXing at Rockwork is like taking your chances in the wild, wild west. You never know what to expect when you drive up to the turnoff sites in the total darkness at 0330 local time (1030 UTC) for antenna setup. You might find your favorite spot wide open, or you might find a mangy group of squatters occupying the entire turnoff. Frequently you have some combination of the above, motivating you to push your luck by setting up right next to a total stranger (with a dubious personality) in a junk vehicle in the early morning darkness. Disputes between DXers and squatters are not unusual, although you can get some kind of idea how nasty the squatters are by looking at how disheveled their appearance (and/or vehicles) seems to be. On one occasion a foul-mouthed squatter attempted an argument with three well-fed DXers at Rockwork 4, eventually having to leave the turnoff in a huff after a final psychotic rant. Of course the fact that this entire episode happened right next to a 500 foot plunging cliff added a little drama to the encounter.

Where else can you get such a fine combination of transoceanic DX and setup venue excitement? Despite the challenges the Rockwork cliff has boomed in popularity among west coast DXers recently, with 5 DXers attending the sessions last year (Tom, Craig, Chuck, Nick and yours truly). This week we expect at least as many "Cliffhangers," with Chris Black offering to join us. It will be interesting, to say the least.

Gary DeBock (driving in overnight on August 1)

8/1. Once again the largest FSL antenna collection on the planet made its way across the Columbia River bridge during an overnight trip to NW Oregon, finally being deployed at the original Highway 101 plunging cliff turnoff – Rockwork 4. There has been a drastic decrease in the squatter population, so that Craig Barnes and I were able to easily set up all four PVC bases for all-out DU-DXing at the dream site this morning. Unfortunately Chris Black came down with a health issue at the last minute, and needed to cancel out.

Craig and I had some excellent signals from the regulars (including 531-More FM, 558-Fiji and 1017-Tonga), although it wasn't quite a stellar morning for rare DX. We were kind of spoiled last year with 1017-Tonga staying a S9 practically throughout the session, but this morning it was "only" at S9 for a few minutes at a time. This meant that as soon as I notified Craig of 1017's potent status, the signal tended to nosedive. Maybe the cumulative effects of humidity and salt water exposure are beginning to take their toll on the Tongan big gun? 558-Fiji showed up with decent signals for a couple minutes at a time, which meant that Craig got the short end of the stick after I notified him of the potent signal. 531-More FM hit an awesome S9 peak around 1312 (including the usual split-second female ID), making it once again seem totally bizarre that no trace of the 2 kW modern rock station has ever been received at Grayland for the duration. The Rockwork Cliff is typically focused in like a laser on New Zealand, and this was a typical morning!

- 531 **NEW ZEALAND** More FM, Alexandra, 2 kW. Potent S9 modern rock signal from this Rockwork regular, with female "More FM" ID at 19 seconds
<https://dreamcrafts.box.com/s/ew1w1ukdwbpndr80tjpb5vc10ldj92a0>
- 558 **FIJI** Radio Fiji One, Suva, 10 kW. Island music at temporary potent level at 1257; typically hit the skids after reaching this level
<https://dreamcrafts.box.com/s/2gc5jvz16hw04pbrpg82tjchwtbn7sz6>
- 702 **AUSTRALIA** 2BL, Sydney, 50 kW. Oz big gun with meltdown level signal at 1315; Auckland apparently ran out of Magic
<https://dreamcrafts.box.com/s/1d01x2womxzqacy1f1ooqf91zqbqwn0p>
- 1017 **NEW ZEALAND** Newstalk ZB, Christchurch, 10 kW. Presumed the one under A3Z's meltdown-level signal at 1321
<https://dreamcrafts.box.com/s/jacrz1jc8c9vjzpbwbbjoxewwrvn50tv1>
- TONGA** A3Z, Nuku'alofa, 20 kW. Female Tongan speech at S9+ level at 1317 <https://dreamcrafts.box.com/s/e5ks9f27zqofjhonqmpnup88v6ml4yzh>
- 1503 **NEW ZEALAND** Radio Sport, Wellington/Christchurch, 5/2.5 kW. Yankee-accented relay of Fox Sports Network after midnight NZ time (1315)
<https://dreamcrafts.box.com/s/cebgbgw96tepsp2atq2ezw4tbrjcs4i>

8/2. The rain and wind made things interesting this morning, and with squatters occupying Rockwork 3, 4 and 5 Craig and I were forced to set up at the only turnoff with enough space for four FSL antenna setup – Rockwork 6. Apparently the squatter population got a boost with the approaching weekend. Bruce's 1107 started making some serious noise right off the bat, and by 1230 it was already hitting S9 peaks with its oldie music. The more obscure Kiwis like 936-Chinese Voice started coming out of the noise before 1300, although neither 558-Fiji nor 1017-Tonga matched yesterday's signal levels.

Craig had quite a blast recording the potent 1107-Magictalk and 531-PI, which had a dazzling local-like signal just after 1300 with its island music. 702-Magic was also quite prolific after having been practically MIA yesterday, while yesterday's star 531-More FM went back into hibernation, giving way to PI and 2PM. The rain was getting really nasty by 1320, drenching both Craig and I, as well as the portables and digital recorders. Fortunately the waterproofing mods saved the FSL antennas from wimping out, and even the drenched portables like the D-808 refused to throw in the towel. What looked like a disastrous session in the beginning actually turned out quite well, with Kiwi signals taking an upturn across the band in comparison to yesterday. Unfortunately a Sony ICD-SX68 digital recorder went to a soggy grave, though, taking this morning's 531 kHz recordings along with it. I'm sure that 6DL was a no-show this morning, however :-)

936 **NEW ZEALAND** Chinese Voice, Auckland, 1 kW. Overachieving ethnic station made its first appearance of the trip at 1256

<https://dreamcrafts.box.com/s/z5z4k1sawwygd1162wr5zr3qhx55ju5>

1107 **NEW ZEALAND** Magic Voice, Tauranga/Rotorua, "1 kW" (I don't think so!) The station plays oldies most of the time, such as this S9++ number from Elton John at 1248 this morning <https://dreamcrafts.box.com/s/z5z4k1sawwygd1162wr5zr3qhx55ju5>. A Kiwi ad string just prior to the 1300 ToH was at similar strength <https://dreamcrafts.box.com/s/n0o4znkqik2ogddtoo39ttxk438q6dx4v>

8/3. Fortunately the weather cleared this morning on the wild cliff, although a proliferation of weekend squatters forced Craig and I to set up once again on Rockwork 6. Propagation certainly didn't disappoint, with booming DU signals all across the band (including 531, 558, 702, 1017, 1035, 1107 and many others). Just after 1300 Craig tracked down an exceptional signal with his 5 inch "Frequent Flyer" FSL – 558-Radio Fiji One, with S9+ church music pounding into the cliff. This was about the strongest that I've ever heard it at Rockwork. 1107-Magictalk was extremely potent again with oldies music both before and after 1300, and although 702-2BL was somewhat of a pest I was able to confirm the 702-Magic parallel a couple of times. 1017-Tonga was another blaster, along with 1035-Newstalk ZB and 1503-Radio Sport. The usually modest 558-Radio Sport was easy copy with its Yankee-accented English early on, but took a nosedive in favor of Fiji after 1300.

The session went like a breeze in comparison to yesterday's rain-soaked fiasco, although the ICD-SX68 digital recorder that was written off as terminally drenched yesterday managed to rejuvenate itself after disassembly and drying. It yielded a wacky 531 kHz recording of More FM, PI and 2PM all reaching S9 levels within 3 minutes of each other at 1248 – ocean cliff propagation at its finest <https://dreamcrafts.box.com/s/uhc9n53k2f0rkabcx8zm1wod1neq5vv>

Tomorrow we will reach a quorum as **Tom Rothlisberger** joins us on the Cliff with his Perseus SDR and broadband loop. Tom has become a confirmed "Cliffhanger," and holds the record for the most South Pacific NDB's received during a west coast DXpedition (at Rockwork 4, last year).

558 **FJI** Radio Fiji One, Suva, 10 kW. Craig found this legendary S9+ signal with church music at 1307, the strongest Fiji signal I've ever heard recorded on the west coast <https://dreamcrafts.box.com/s/jnfb14r7d1tn0c0u74bldkyfiayzi1b>

1107 **NEW ZEALAND** Magictalk, Tauranga/Rotorua, "1 kW". Thunderclap Newman with a thunderous oldies signal at 1308

<https://dreamcrafts.box.com/s/i15diur5aor0wyfrlkr1kv9gsh3tn4h6u>

+ "Magic difference" ID at an S9+ level in between oldies at 1318 <https://dreamcrafts.box.com/s/0ww0477aey9oc4hv3jmqqjffwbrkij>

1035 **NEW ZEALAND** Newstalk ZB, Wellington, 20 kW. For Theo – a Kiwi ad string at 1317 including a "Sheila" trying to sell overpriced tickets (\$619) to a theatrical event in Sydney <https://dreamcrafts.box.com/s/a3sgzvq9syg9u6eqwasu1avmnc96gmw>

8/4. It was like a family reunion at Rockwork 4 this morning as Tom, Craig and I all had enough space to set up our antennas in between a couple of "interlopers" (who were outnumbered, and left us alone). The extraterritorial piece of Kiwi real estate certainly didn't disappoint, with 8 New Zealand stations (567, 603, 657, 675, 765, 1035, 1107 and 1503) and 1017-Tonga all reaching S9 levels during the session.

Tom and I both were both ready for some Longwave NDB-DX but the propagation just wasn't there, with only the big guns like 353-LLD showing up and then fizzling. The MW band kicked into high gear around 1245, though and from that point on it was pretty much like being in downtown Auckland. The 2.5 kW overachiever 765-Radio Kahungunu and its 603-Waatea parallel really went on the warpath, with the former reaching its best signal level ever on the cliff around 1248. Craig was having a blast tracking down potent DU's with his tiny 5" FSL, which looked somewhat cute in comparison to the three monster FSL's right behind it. Full details and recordings to follow....

765 **NEW ZEALAND** Radio Kahungunu, Napier-Hastings, 2.5 kW. The Maori overachiever pounds in with choral music at S9+ at 1248 – its best signal ever at the Cliff <https://dreamcrafts.box.com/s/bqx6iuffr9relwc9bg0ewt276yilwq90>

8/5. We finally had a full quorum of Cliffhangers yesterday morning as **Tom Rothlisberger** joined Craig and I for a pretty decent session at the classic Rockwork 4 turnout. Craig and I did manage to squeeze in between a couple of "interlopers," and set up our antennas without incident (probably because, as Tom said, there is "strength in numbers."

Tom and I were ready for South Pacific Longwave reception, but the NDB's from south of the equator were MIA for the duration. Around 1245 the Kiwi regulars started building up to great strength, especially on 603, 675, 765 and 1035. 1017-Tonga was also at its usual meltdown strength with island choral music at 1321, but Tom said he was kind of disappointed that 1107-Magictalk wasn't at the legendary strength of the last couple of days. Speaking of which, Mediaworks in NZ seems to have the oldies programming //702 on the weekends in NZ, but this morning there was only talk (received 3 different times). I tried to check for a parallel on 702 but was shut down by the 2BL pest, as usual.

Highlight of the session was 765-Radio Kahungunu's awesome S9 signal with Maori music at 1248, as the 2.5 kW overachiever occasionally tested out the Ultralight's crunch resistance. 1017-Tonga was about the same at 1321, but 1107's talk-oriented signal seemed to be running out of Magic for most of the session. Craig had another blast as usual, with lots of potent DU's pounding in on his airport-friendly Baby FSL. Awesome fun at the classic cliff!

765 **NEW ZEALAND** Radio Kahungunu, Napier-Hastings, 2.5 kW. Star of the session, with potent Maori choral music //603 at 1248

<https://dreamcrafts.box.com/s/bqx6iuffr9relwc9bg0ewt276yilwq90>

1017 **TONGA** A3Z, Nuku'alofa, 20 kW. Another South Pacific blaster with island choral music at 1321

<https://dreamcrafts.box.com/s/kzv3pmyjnhkmyixde5vogjv85evaaxqp>

1107 **NEW ZEALAND** Magic Talk, Tauranga/Rotorua, 1 kW. Running a talk format throughout the session – and sounding like an actual 1 kW signal at times :-)

This DU English speech was at 1317 <https://dreamcrafts.box.com/s/j82pzu7vgpv83s7mgr6wxtdoghxd4wp7>

8/6. Starting with the extremely rare appearance of the 500 watt Longwave NDB 260-NF (Norfolk Island) on an Ultralight radio it was an Oz-slanted session on the cliff, as several Australian stations temporarily took over Kiwi frequencies on the low band. This caused some interesting frequency fights, such as on 603 where the unusual 4CH came in at a very good level at 1305, only to be completely buried by an S9+ Radio Waatea a half minute later.

The morning session started off with a bang as I set up the Ultralight Longwave gear for the second day in a row, hoping to simply check some of the Alaskan NDB's along with Tom. The Hawaiian super beacon 353-LLD was unusually strong, though, so on the outside chance that one of the super rare South Pacific NDB's might show up I checked for 260-NF on Norfolk Island, a 500 watt beacon off the coast of Australia. At 1205 I was stunned to find NF already pretty strong with a decent signal, the strongest I had ever heard it. After notifying Tom I went back to the gear and tried for 270-FA (MIA), 238-KT (a 2 kW beacon at the northern tip of NZ, received at a fair level), and 352-RG (MIA). In the predawn darkness I tried to find a list of more target frequencies, but the Longwave propagation to the South Pacific tanked around 1220 on the Ultralights.

The Australian stations made their big move after 1300, and were dominant by 1330. The identity of 639-2HC around 1320 was easy to determine now that 639-RNZ has shut down, since a single commercial ad rules out the ABC stations. David Sharp's 585-2WEB showed up at a fair to good level with rock music around 1329, with the first 2WEB ID I've ever been able to decipher (barely) at 1330. I've received the station many times previously, but Programming Director David (a member of our Ultralight Radio group) always assisted me with the identity check by matching my recorded song with the station's music log. The first time this happened was in 2010 in Seaside, when I received an UnID rock station on 585 and railed on the Ultralight list about the "dumb Australian station on 585 that never ID's." Within a day I had an e-QSL from David, who had matched my recorded song to his music log :-)

238 **NEW ZEALAND** KT, Kaitaia, 2 kW. Fair signal with repeated Morse code ID at 1212; first time received in 6 years

<https://dreamcrafts.box.com/s/ev65z0jcqip7kbfuunnx16lhmih1kwf>

260 **AUSTRALIA** NF, Norfolk Island, 500 W. Good signal with repeated Morse code ID at 1207; first time received in a year

<https://dreamcrafts.box.com/s/2sps8q3y7dr52012yer82ycxumoah456>

531 **NEW ZEALAND** More FM, Alexandra, 2 kW. Dominant over the 531 circus (PI and 6-pip UnID) at 1300, with female voiced ID at 44 seconds

<https://dreamcrafts.box.com/s/9rewxuu6c9v2r8cd2ccjpbart2wqdl>

585 **AUSTRALIA** 2WEB, Bourke, 10 kW. Rock music at 1329 not //576 (the recording includes a parallel check at 27 seconds, with a female voice on 576) and a male-voiced 2WEB ID at 1:11 <https://dreamcrafts.box.com/s/rlbsodh2bgc6z8o3h3dmzv7vc9m8p48k>

603 **AUSTRALIA** 4CH, Charleville, 10 kW. Wild ocean cliff propagation – ABC's male-female conversation at a very good level //774 gets plastered by an S9+

Maori music signal from the Kiwi Radio Waatea within a half minute <https://dreamcrafts.box.com/s/zdvs9ken0v3vr8gkqskys3vie5mheowe>

639 **AUSTRALIA** 2CH, Coff's Harbour, 5 kW. Good signal at 1320 with SRN call-in talk program

<https://dreamcrafts.box.com/s/femsn15a98exwl7b5tf9emagf2l2azw9>

8/7. Tom, Craig and I enjoyed another awesome session at the plunging cliff this morning, as Longwave NDB's from the South Pacific came in with quantity and quality. For the first time ever I was able to track down three South Pacific NDB's on an Ultralight radio and Longwave FSL, while Tom R seemed to be enjoying Longwave propagation similar to that of his record-breaking session of August 8 2018.

This morning I was able to track down 352-RG (Rarotonga Airport, in the Cook Islands) for the first time with an Ultralight radio – a tough catch because the PL-380's filtering can't separate RG from the Hawaiian super-beacon 353-LLD. It took a lot of waiting before RG's signal could be heard under LLD's splatter, but it was worth the wait because Ruth and I just visited that Rarotonga airport last year, during our trip to Aitutaki in the Cooks. 250-NF in Norfolk Island (off the coast of Australia) also made a return appearance after yesterday, at an even stronger level (very good). Finally 238-KT from Kaitaia, NZ was back again as well, although at somewhat weaker strength.

Medium Wave reception was also pretty good, with Tom able to receive 1107-Magic Talk at a blowtorch level for the first time (running the talk format throughout the session). 558-Fiji and 1017-Tonga both managed powerful S9+ peaks again, as if the Cliff has accepted them as "honorary Kiwis" for propagation purposes. Overall it was a total blast again, with Craig becoming quite an expert in using his 5" Frequent Flyer" FSL prior to our Kauai trip in November.

- 238 **NEW ZEALAND** KT, Kaitaia, 2 kW. Morse code ID at a modest level at 1252; received for the second day in a row
<https://dreamcrafts.box.com/s/yck9vdqxpgf1y6nx4is86gptfy37hdm>
- 260 **AUSTRALIA** NF, Norfolk Island, 500 W. Morse code ID at very good strength at 1301; received for the second day in a row
<https://dreamcrafts.box.com/s/jczfetd4yp7rvysamhhqwrhugq7f18fb>
- 352 **COOK ISLANDS** RG, Rarotonga Airport. Just strong enough to break through Hawaiian mega-beacon 353-LLD splatter at 1253
<https://dreamcrafts.box.com/s/n9n6acga48jtrzbzu9xnh5claw66uyyk>
- 531 **NEW ZEALAND** PI, Auckland, 5 kW. Not technically a Longwave frequency, but how else can you explain this weird S9+ signal at 1325? This female Samoan speech and island drum music was the station's strongest signal in years <https://dreamcrafts.box.com/s/qkrcrdgqr3a2q6xnsjhnujcx2ibc6y>
- 1107 **NEW ZEALAND** Magic Talk, Tauranga/Rotorua, "1 kW" (LOL). Tom finally got a listen to this awesome signal with call-in talk at 1313, and agrees with me that the power level is seriously higher than listed <https://dreamcrafts.box.com/s/2q9l94q89i7lqwyt12h0vzyfwoepd3s4z>

8/8. The exceptional Longwave propagation tapered off somewhat at the plunging cliff yesterday morning, but two low powered South Pacific NDB's still managed to make an appearance (260-NF and 352-RG). Oddly enough, 352-RG in Rarotonga, Cook Islands was even significantly stronger than yesterday (go figure!). Tom and I both had some decent Alaskan NDB propagation, but the really rare ones stayed down in the noise.

Medium Wave featured S9 peaks from both 558-Fiji and 1017-Tonga, as well as the usual snarling fight between Kiwi co-channels 531-PI and More FM (both reaching S9 peaks). The Tasmanian station 585-7RN also got in an S9 signal, while 594 was an S9 battleground between the Oz big gun 3WV and the low powered Kiwi Star network. Since this is the "Kiwi Cliff," 3WV was lucky to be competitive (it usually gets the Stars knocked out of it). This was Craig Barnes' last session at the Cliff this time, and he deserves commendation for quickly mastering the new-design 5" Frequent Flyer FSL antenna in preparation for the November Kauai, Hawaii DXpedition. As Craig mentioned before leaving, that tiny antenna can deliver more high quality DX for its size than anything he's ever tried. Of course the wacky plunging cliff and its freakish DU propagation probably made somewhat of a contribution :-)

- 260 **AUSTRALIA** NF, Norfolk Island, 500 watts. Low powered trans-equatorial NDB dropping off seriously from yesterday, but still in the game at 1156
<https://dreamcrafts.box.com/s/ecmftg6gevgv6bvy9m985cjed10p4faov>
- 283 **ALASKA** DUT, Dutch Harbor, 1 kW. "Deadliest Catch" airport beacon with a good signal at 1227
<https://dreamcrafts.box.com/s/i7csublxfwmsnkscq3kvqoergmv4eu4>
- 352 **COOK ISLANDS** RG, Rarotonga. Best signal ever (in the shadow of Hawaiian mega-beacon 353-LLD) at 1231; no idea why it got a boost over yesterday
<https://dreamcrafts.box.com/s/i7oage5ragfak57ugmw9dxt4tcfx28gg>
- 394 **ALASKA** RWO, Kodiak, 1 kW. Alaskan mega-beacon with S9+ signal during TWEB weather report at 1221
<https://dreamcrafts.box.com/s/h0g5cf3uss1ja1v08l5n5oiuena4gehb>
- 531 **NEW ZEALAND** More FM, Alexandra, 2 kW. Overachieving rocker pounding in at 1312
<https://dreamcrafts.box.com/s/o96pwi505rrpuc0rsutxglz6iveyy02>
- NEW ZEALAND** PI, Auckland, 5 kW. Samoan choral music at S9+ level at 1259 <https://dreamcrafts.box.com/s/qhpkxn97iqchje6sv0uev5dd839asx37>
- 558 **FIJI** Radio Fiji One, Suva, 10 kW. Island choral music pounding in at S9 at 1306 <https://dreamcrafts.box.com/s/2zk2474b3mcktxzp5md809lizicp16c>
- 585 **TASMANIA** 7RN, Hobart, 10 kW. Oz RN network program pushing S9 //576 at 1317
<https://dreamcrafts.box.com/s/9wah7pdvq0pg0gy7r81nebj0ugcsy2ey>
- 594 **AUSTRALIA** 3WV-Star Network. Wacky ocean cliff propagation boosts both stations up to an S7 mix at 1329, but no clear winner over 3 minutes
<https://dreamcrafts.box.com/s/36ktpdn6vgmf0h1cnui2ko0msnjrsf6>
- 1017 **TONGA** A3Z, Nuku'alofa, 20 kW. Young female Tongan speech at S9 level at 1253
<https://dreamcrafts.box.com/s/nvhy8kiw630h9msmtchynkwt7fjrbkrb>

8/8. Who would have thought that a modified \$40 pocket radio and a 12 inch FSL antenna could come away with 6 low powered South Pacific NDB's across the Equator, most of them at good strength? The Rockwork ocean cliff's Longwave propagation boost really went into overdrive this morning, as Tom and I enjoyed a South Pacific NDB-DXing bonanza!

The Ultralight + Longwave FSL combo came away with three all-new trans-equatorial beacons – 346-TG in Tauranga, New Zealand, 366-Pohnpei in the Federated States of Micronesia, and 320-AI on Aitutaki in the Cook Islands – an airport that Ruth and I visited last year in April. Besides these new beacons 238-KT from Kaitaia, NZ was received again, as well as 352-RG at Rarotonga in the Cooks, and 260-NF on Norfolk Island, Australia. Tom was recording this exceptional Longwave opening with his Perseus-SDR and miniature broadband loop, and no doubt made out like a bandit in this final session for him. Of course he already holds the west coast record for South Pacific NDB's received during a DXpedition, set right here at Rockwork 4 exactly a year ago. Rockwork Rocks!

- 238 **NEW ZEALAND** KT, Kaitaia, 2 kW. Weak, but showing up for the second time in this DXpedition at 1215
<https://dreamcrafts.box.com/s/9umsip63opzudz8mpoazzdh6vz7rdpgj>
- 260 **AUSTRALIA** NF, Norfolk Island, 500 watts. Showing up at fair to good strength with its low speed ID at 1209
<https://dreamcrafts.box.com/s/bycs70vdv3dcdnd8vdeq4oqy54fvsotz>
- 320 **COOK ISLANDS** AI, Aitutaki. Very good strength at 1217, but having a pretty sick-sounding CW tone
<https://dreamcrafts.box.com/s/9jh8xjqe7x3z83cq0dls9rafwoa7xsp>
- 346 **NEW ZEALAND** TG, Tauranga. Good strength at 1219; at 6,852 miles (11,027 km), this is the longest range NDB I have ever received with the Ultralight + FSL combo <https://dreamcrafts.box.com/s/ruyyzow5do3110zs1f8i6j94v92gwub>
- 352 **COOK ISLANDS** RG, Rarotonga. Return appearance at good strength in the shadow of Hawaiian mega-beacon 353-LLD at 1212
<https://dreamcrafts.box.com/s/n41kkxpxh4tiaqm3pjw4sf1vpakz3nur>
- 366 **FSM** PNI, Pohnpei. Good strength at 1213 <https://dreamcrafts.box.com/s/Opiccdl719vrn044hwqeoexgk6cv4mb>

And also an S9 signal from the lower edge of the Medium Wave band, which seems to have tapped into the exceptional Longwave propagation:

- 531 **NEW ZEALAND** More FM, Alexandra, 2 kW. Female ID and Kiwi ad string at huge level at 1258; this station has turned into a Rockwork big gun in the last few years <https://dreamcrafts.box.com/s/8jeq2wclrzpr2tp6t2nwqmgmzkuskwz>

8/12. At the risk of receiving some rotten tomatoes across the border from Victoria I decided to compile a detailed report of the final Rockwork Cliff DXing session on August 9th, mainly because there is far more time for such activities back at home. The DU's are somewhat more enhanced at the ocean cliff site, especially for blasters like 531, 558, 603, 1017 and a few others. Nick has spent some serious time at the Cliff himself, so he knows the score.

This last session was a wild one featuring enhanced DU's on both Longwave and Medium Wave at the same time (1230-1300), making it tricky to choose priorities in live DXing. At my 1200 setup time there was no South Pacific NDB propagation on Longwave, but a spot check at 1230 revealed 260-NF on Australia's Norfolk Island at a fair to good level, and the Longwave NDB rush was on. A detailed search was made for trans-equatorial beacons, and although propagation wasn't quite up to Thursday's standard, the final tally wasn't bad for a hot-rodged Ultralight – 238-KT (New Zealand), 260-NF (Norfolk Island), 320-AI (Aitutaki, Cook Islands) and 352-RG (Rarotonga, Cook Islands). 320-AI had apparently repaired its sick-sounding transmitter within a day, although its signal strength was down quite a bit from Thursday. During this Longwave search 531 kHz, 558 kHz and 1107 kHz were being recorded on dedicated Medium wave FSL's, and both 531 and 558 kHz caught some of the Longwave enhancement effect, resulting in S9 signals (and ID's) from both 531-More FM and 558-Radio Fiji One. 603-Waatea also pounded in at S9+, although that was after the live DXing switch back to MW around 1300.

Biggest impression of the morning (except for the unusually smooth ocean) was the potent boost that the enhanced Longwave propagation seem to provide for both 531-PI and 531-More FM, who seemed to tap into some extra strength from 1245-1315. Unfortunately, with the overwhelming strength of both 531-More FM and 558-Fiji there was no chance to check for Western Australian parallels on 531 and 558 to match the ABC football game heard on 702 kHz. The Longwave NDB's provided another thrilling session, though, with multiple low power stations crossing the Equator at great range.

- 238 **NEW ZEALAND** KT, Kaitaia, 2 kW. Fair strength Morse code ID at 1239; longest range beacon of the session
<https://dreamcrafts.box.com/s/or98t3rs12i93l841smige8koj3auz8>
- 260 **NORFOLK ISLAND** (Australia) NF, 500 watts. Fair strength Morse code ID at 1233, starting the Longwave NDB search
<https://dreamcrafts.box.com/s/ruqw0m124qs9rntaj1ag1hr4pd6hl5b7>
- 320 **COOK ISLANDS** (Aitutaki Island) AI. Poor to fair strength Morse code ID at 1247, with CW tone note repaired within a day
<https://dreamcrafts.box.com/s/e6hmsr8q6hblxktm0hv0cakbin0rdbu9>
- 353 **COOK ISLANDS** (Rarotonga Island) RG. Fair strength Morse code ID in Hawaii super beacon LLD splatter at 1253
<https://dreamcrafts.box.com/s/b50ioz9mfae1w46ghj70ubgaiwfdtw9h>
- 531 **NEW ZEALAND** More FM, Alexandra, 2 kW. Female-voiced ID and Kiwi ad string at S9 level from 1257-1259, obviously with some freakish propagation
<https://dreamcrafts.box.com/s/nsg1k0e4em59zxfb2qnaif3181mdl2l8>. More FM is coming out at S9+ at 1307; "better get the party started"
<https://dreamcrafts.box.com/s/qolvem4idtcnc13q4map1akzn4kjjay3>
- NEW ZEALAND** PI, Auckland, 5 kW. Island music and "531-PI" ID (21 seconds) at huge level at 1300
<https://dreamcrafts.box.com/s/k4bvzhpht4dknz3rex3frvb49i046wut>. Drum oriented S9 Island music at 1317
<https://dreamcrafts.box.com/s/9u3nvw2ewe0vyjvtl7ryenwacn1f5t9>
- 558 **FIJI** Radio Fiji One, Suva, 10 kW. S9 island music with female ID at 1:18, and male ID at 1:24
<https://dreamcrafts.box.com/s/ndgtrr4ny3a4uxq704jgli88eccpdcw>
- 585 **AUSTRALIA** 7RN, Hobart, 10 kW. The Tasmanian ABC relay goes against the Kiwi trend with fair to good strength female speech //576 at 1318
<https://dreamcrafts.box.com/s/tp95vt97xc8z4gkg4e3fxgz289t6159o>
- 603 **NEW ZEALAND** Radio Waatea, Auckland, 5 kW. R&B music at S9 strength //765 at 1305
<https://dreamcrafts.box.com/s/eed53kcqemgu9ovtz67yw899w0dx4f8v>
- 702 **NEW ZEALAND** Magic, Auckland, 10 kW. Classic oldies pounding in at huge level over 2BL at 1248
<https://dreamcrafts.box.com/s/7pogcfk1gxad5vnlecegfzeuz7v4xsic>

73 and Good DX, **Gary DeBock** (DXing with **Craig Barnes** and **Tom Rothlisberger** at the Rockwork 4 ocean cliff near Manzanita, Oregon), 7.5" loopstick CC Skywave SSB and XHDATA D-808 Ultralights, 15", 15" and 17" Airport Unfriendly FSL antennas.

Grayland DXpedition (Bruce Portzer via IRCA eGroup)

8/1. **Chuck (Hutton – pb)** and I just returned from a two night DXpedition to Grayland WA. Conditions were quite good for this time of year, with surprisingly good Asian reception, as well as plenty of DU action.

Magictalk 1107 was doing amazingly well both mornings, making me wonder if its power output has been boosted from the listed 1 kW. I've attached a clip of how it sounded before midnight here, but it came in about this well or better at sunrise, too. You guys at Rockworks should give it a try.

Other DU highlights: Rhema-540 Tuvalu-621 Fiji-990, Maori stations on 603//765, KTWG-801, 3NE-156, Vision Christian Radio-1611, several other Aussie X-banders, 3EL-1071, UniD Christian talk on 1656, 2NM-981, ABC Newsradio mixing with TAB station on 1161, ABC Tasmania 585, 2UE-954, plus many of the DU regulars and some tantalizing UnIDs. Kiribati was the first DU to fade in, with a big carrier and ok audio before 0600 UTC.

Asians were exceptional for July. Most of the signals were Japanese, plus a few of the more common stations from elsewhere (VOA-1575, Korea 972 and 1566), Taiwan 1143 and 738, China 981 1593 1566 1206). Several second tier stations like 1278 1287 1386 1179 1134 1053 etc were doing quite well at times. Some low powered freqs like NHK-1602 were also occasionally good.

More goodies will probably surface after we've through th3 SDR recordings.

A DKAZ at 270 degrees with an Elad FDM-S2. **Bruce**

Reception from Greenland last night (Walt Salmaniw via IRCA eGroup)

8/7. Many thanks to Mark Connelly for guiding me in TA DX. As you may know, I'm on a cruise between Boston to Labrador, Greenland, Iceland, Norway, and return. I brought along my Gary DeBock modified 808 Chinese receiver. The first night I attempted to monitor was leaving Red Bay, Labrador. Unfortunately, the temperatures were very cold, and add the wind chill, they were down right awful!

I began far to early on the 9th outdoor aft deck at 2200 UT on 5 August. Immediately, all that was audible were 2 Greenlandic stations, in // on 570 and 720. The 3rd was not to be heard. I also noted Iceland on 189 at fair/good level. Nothing else was heard, and I was simply too cold to continue until darkness hit. Lesson learned!

On the next night, as we sailed south from 62 deg N latitude, our veranda was well suited essentially facing Europe. It's also a bit better protected from the wind, so I was able to monitor longer with a reasonable amount of comfort, despite the 5 deg C temperature! Conditions were quite good with lots heard, from 2333 UT onwards. Here's a list of what was heard:

- | | |
|--|---|
| 590 stronger than 570, so that's all 3 Greenlandic AM transmitters. I'll have to check where they are located. I'm blown away re the strength of 720 which is always heard very well day and night here. | 1134 choppy signal ++ (or maybe my teeth chattering ;-) |
| 684 weak Spanish talk at 0006, but very strong at 0102. | 1152 Initially heard at 2333 with weak music, and I thought the frequency was 1150, but no, it's 1152. 5 time pips at the TOH, but too weak to be sure. 0030 music with a choppy signal (?SAH). |
| 710 Newfoundland heard with local ads and ID at 0110 at fair/good level. | 1152 music with chop at 0032. |
| 720 very strong at 0009, but with transmitter problems causing brief audio drop outs (I think this is continuing, as I heard the same drop outs on 95.0 FM today while anchored off Nanortalik. | 1179 fair signal with music at 0030, but much stronger at 0114. |
| 747 Canary Islands with weak music at 0010, but fair/good in Spanish at 0107. | 1215 very weak at 0032. |
| 792 good reception at 0112 with English oldie, "Cupid", but then into Spanish. May be // to weaker 837, but not 100% certain. | 1269 very weak talk with het at 0032. |
| 828 threshold audio only at 0014. | 1290 Latin music at fair level at 0035. Who might this be? |
| 837 very choppy SAH at about 5 cps. | 1296 Spanish music strong at 0037. |
| 882 English talk poor/fair at 0017. | 1305 Spanish talk fair at 0037, but strong at 0041. |
| 954 fair in Spanish at 0112. | 1314 music fair/good at 0045. |
| 981 Arabic weakly with chop at 0021. | 1341 weak talk at 0049. |
| 1044 good signal with music //1080 at 0113. | 1350 weak signal with low frequency het. |
| 1053 UK fair with talk at 0024. | 1413 weak talk with rapid fading, but by 0116 very strong with an English vocal. |
| 1125 Spanish at good level at 0028. | 1431 weak talk in French at 0049, so possibly Djibouti. |
| | 1458 weak music at 0050, but very strong by 0120. UK? |
| | 1503 very weak. |
| | 1548 weak talk. |

That's it from Greenland. Today, in port, I walked/hiked 16 km up to the top of the mountains overlooking the port, so pretty tired tonight. Did not DX, but will see how things go tomorrow night as we round the south end of Greenland, and start heading towards Iceland. 73, Walt

Northern Neck of Virginia DXpedition July 2019 (Bill Whitacre via IRCA eGroup)

8/11. I had the opportunity to visit one of my regular DXpedition destinations – Waters Edge – near Fleeton VA from July 23-28. Conditions weren't great – lightning noise was high throughout and the Northern Neck of Virginia is not Cape Cod or Maine and certainly not Newfoundland. There were a few Brazilians, Ecuador, Benin, etc. Nothing new and nothing in great numbers but I still had fun away from home. If you're interested you can see/hear what I heard on this webpage: http://realmonitor.com/am_logs_we11.php
Bill Whitacre, Alexandria VA



BANDSCAN – Phil Bytheway – 9705 Mary NW – Seattle WA 98117-2334
 Email: DXM.EIC@gmail.com

Night MW bandscan – South Yarmouth, Cape Cod MA (Mark Connelly via IRCA eGroup)

This is a night bandscan list for my home location at South Yarmouth, Cape Cod MA, USA (GC= 41.6931 N/70.1912 W). On each channel, stations are listed in order of most common to those less frequently heard (average of results on two antennas).

1240 WBAS on the other end of town is the closest and (generally) strongest station. Other stations listed on 1240 are the ones most often noted during WBAS's frequent outages. They would seldom be noted with WBAS on except with the use of careful phase nulling.

The report typifies "stable dark" conditions such as might be noted about two hours after local sunset.

Antenna choice, season, and ionospheric conditions have a lot to do with which stations on this list will be audible on a given night.

I usually have two antennas at my disposal. These are both cardioid pattern terminated loops. One peaks east-northeast and the other south-southeast. Nulls are in the opposite direction of peaks.

Receivers most often used are the Elad FDM-S2 and Perseus SDR's. Occasionally I will fire up the Palstar R30 or Drake R8A "conventional" receivers as well as using several portables. **Mark Connelly**, WA1ION

FREQ	STATION(S)	FREQ	STATION(S)
530	Cuba, CIAO-ON	890	WAMG-MA, Cuba, WLS-IL
531	Algeria, Spain	891	Algeria (intermittently active), Portugal (rare)
540	CBT-NL, WFLF-FL, Dom. Rep., Colombia, Cuba	900	Cuba, CHML-ON, Venezuela, Italy (rare)
549	Algeria, Ukraine	909	UK, Romania
550	WDEV-VT, WPAB-PR, WSJW-RI, Venezuela, Colombia, Cuba, WGR-NY, WSVA-VA, WAYR-FL	910	WTOS-ME, WLAT-CT, Cuba, Venezuela, WRNL-VA
558	Spain	918	Spain
560	WGAN-ME, WFIL-PA, WQAM-FL, WHYN-MA, Cuba	920	WHJJ-RI, WURA-VA, WDMC-FL, CKNX-ON
567	Spain	927	(no significant signals)
570	WMCA-NY, CFBC-NL, Cuba, Colombia, WSYR-NY	930	WPKX-NH, CFBC-NB, WPAT-NJ, WBEN-NY, Cuba, CJYQ-NL
576	Canaries//Spain, Bulgaria, South Africa (rare)	936	Morocco, Spain, Iran
580	WKAQ-PR, WTAG-MA, WDBO-FL, CFRA-ON, WHP-PA	940	WIPR-PR, CFNV-QC, Colombia, Cuba, Brazil, WINZ-FL, Mexico
585	Spain	945	UK (rare)
590	WEZE-MA, VOXM-NL, Cuba, Dom. Rep.	950	WROL-MA, WKDN-PA, CKNB-NB, Cuba, WIBX-NY
594	Saudi Arabia	954	Spain
595	Morocco	960	WEAV-NY, WELI-CT, Cuba, WFIR-VA, WTGM-MD
600	Cuba, WYEL-PR, WICC-CT, WBOB-FL, Colombia, Brazil	963	Tunisia
603	Spain, Romania	970	WZAN-ME, WNYM-NJ
610	WGIR-NH, WIOD-FL, WTEL-PA, Brazil, Cuba, Colombia	972	Spain
612	Morocco, Spain	980	WCAP-MA, WOFX-NY, WTEM-DC, CHR-FQC, Cuba, Colombia, WILK-PA, Brazil
620	WZON-ME, WVMT-VT, CKCM-NL, WSNR-NJ, Cuba, WDAE-FL, Brazil, Colombia	981	Algeria
621	Canaries//Spain	990	CBY-NL, WDCX-NY, WNTP-PA, Cuba, Colombia, Spain
630	WPRO-RI, WUNO-PR, Cuba, Venezuela, WMAL-DC, WMFD-NC, WEJL-PA, Tunisia, Portugal, Romania	999	Spain, Moldova, Saudi Arabia
639	Spain, Czechia	1000	Colombia, Cuba, Brazil, Venezuela, WMVP-IL
640	CBN-NL, Cuba, WMEN-FL, Venezuela	1008	Canaries, Spain
648	Spain	1010	WINS-NY, Colombia, Brazil, CFRB-ON
650	CKGA-NL, Colombia, Cuba, WSRO-MA, WSM-TN	1017	Spain
657	Spain, Italy	1020	KDKA-PA, Cuba
660	WFAN-NY, Cuba	1026	Spain
666	Portugal	1030	WBZ-MA, Argentina, Colombia, WONQ-FL
670	Cuba, Venezuela, WWFE-FL, WSCR-IL	1035	(no significant signals)
675	Qatar (rare)	1040	CJMS-QC, WCHR-NJ, Colombia, WURN-FL, Brazil, WHO-IA
680	WRKO-MA, WAPA-PR, WPTF-NC, Colombia	1044	Spain
684	Spain	1050	WEPN-NY, Cuba, CHUM-ON
690	CKGM-QC, Cuba, Colombia, Brazil, WOKV-FL	1053	UK, Romania, Spain
693	UK, Spain	1060	WQOM-MA, KYW-PA, Cuba, Colombia, Mexico
700	Colombia, WLW-OH, Brazil, Argentina	1062	Italy, Iran
702	Algeria, Iran	1070	WNCT-NC, WPLB-NY, Colombia, Cuba, CHOK-ON, WINA-VA, WFLI-TN, WGOS-NC, WFNI-IN
710	WOR-NY, Cuba, WAQI-FL	1071	Iran, Saudi Arabia
711	Western Sahara (Morocco), Iran	1080	WTIC-CT, Spain, Cuba, WKAT-FL, Iran, KRLD-TX
720	WGN-IL, Colombia, Nicaragua, Cuba, WRZN-FL, Brazil, Canaries//Spain, Portugal	1089	UK
729	Spain	1090	WBAL-MD, Colombia, Venezuela
730	CKAC-QC, Colombia, Cuba, WLTQ-SC, Mexico	1098	Spain, Saudi Arabia
738	Spain	1100	WTAM-OH, WHLI-NY, Colombia, Cuba, Brazil
740	CFZM-QC, CHCM-NL, Cuba, Brazil, WNYH-NY	1107	Spain
747	Canaries //Spain	1110	WBT-NC, Cuba
750	CBGY-NL, Cuba, WSB-GA, Brazil	1116	Spain, Italy
756	Romania	1120	WBNW-MA, WMSW-PR, KMOX-MO
760	WJR-MI, Colombia, Brazil, WORA-PR, WEFL-FL, WLCC-FL	1125	Spain
765	Saudi Arabia (rare)	1130	WBBR-NY, Venezuela, Brazil
770	WABC-NY, Cuba, Colombia	1134	Spain
774	Spain, Egypt	1140	CBI-NS, WRVA-VA, Cuba, Brazil
780	WBBM-IL, Venezuela, Colombia, ZBVI-BVI, WTME-ME, WXME-ME, WAVA-VA	1143	Spain
783	Syria, Spain	1150	WWDJ-MA, WDEL-DE, Cuba, CKOC-ON
790	WPRV-RI, Cuba, Venezuela, WAXY-FL, WNIS-VA, WAEB-PA	1152	Spain, Romania
800	Bonaire, CJAD-QC, CKLW-ON, WNNW-MA, VOWR-NL	1160	WSKW-ME, WOBN-NJ, WVNJ-NJ, Antigua
801	Spain	1161	Iran, Egypt
810	WGY-NY, Colombia, Cuba, Bahamas, Brazil, UK (Scotland), Spain, Macedonia	1170	WWVA-WV, Colombia, Cuba, UAE, Slovenia, Brazil
819	Egypt	1179	Romania, Canaries //Spain
820	WNYC-NY, Cuba, Colombia	1180	WHAM-NY, Cuba
828	Azores (rare), South Africa (rare)	1188	Iran
830	WCRN-MA, Dom. Rep., WEEU-PA	1190	WLIB-NY, Colombia, WOWO-IN, WBMJ-PR, Argentina
837	Spain	1197	UK (rare)
840	WHAS-KY, Cuba, Brazil, Haiti, WXEW-PR, Colombia, WRYM-CT	1200	WXKS-MA, Cuba, CFGO-ON, Venezuela, WJXY-SC, WOAI-TX, Brazil
846	South Africa (rare), Ireland (rare)	1206	Israel (rare)
850	WEEI-MA, WFTL-FL, WTAR-VA, Colombia, Cuba	1210	WPHT-PA, VOAR-NL, Cuba
855	Spain, Romania	1215	UK, Spain
860	CJBC-ON, Cuba, Brazil, St Kitts-Nevis	1220	WHKW-OH, WWSF-ME, WSTL-RI
864	Egypt, Spain	1224	Spain
870	WLVP-ME, Cuba, WQBS-PR, WWL-LA, WHCU-NY	1230	WESX-MA, WGUY-ME, WCMC-NJ, WBLQ-RI
873	Spain	1233	(no significant signals)
880	WCBS-NY, Cuba, Venezuela, WZAB-FL	1240	WBAS-MA, WEZR-ME, WOON-RI, WWCO-CT, WFTN-NH
882	UK, Canaries//Spain	1242	(no significant signals)
		1250	WGAM-NH, WMTR-NJ, WPGP-PA, WDVA-VA, CJYE-ON
		1251	(no significant signals)
		1260	CKHJ-NB, WBIX-MA, WSPZ-DC, WFJS-NJ, WSUA-FL
		1269	(no significant signals)
		1270	WTSN-NH, CJCB-NS

1278	Iran	1467	France, Saudi Arabia, Iran
1280	WADO-NY, CFMB-QC, WPKZ-MA, WJYE-ME, WCMN-PR, Brazil	1470	WLAM-ME, WAZN-MA, WMMW-CT, WSAN-PA, WWNN-FL
1287	Spain	1476	Iran
1290	WKBK-NH, WNBC-NY, CJBK-ON, Brazil (1290.3)	1480	WSAR-MA, WZRC-NY, WPWC-VA, WMDD-PR
1296	Spain, UK	1485	Spain
1300	WJZ-MD, WGDJ-NY, WPNH-NH, WAVZ-CT, WJDA-MA	1490	WBAE-ME, WEMJ-NH, WBGJ-NJ, WCCM-MA, WTVL-ME, WMRC-MA
1305	Spain, Iran	1494	Romania
1310	WLOB-ME, WICH-CT, CIWW-ON, WGH-VA, WEMJ-NJ, WADB-NJ, WORC-MA	1500	WFED-DC, Venezuela
1314	Spain	1503	Spain
1320	WDER-NH, WARA-MA, Venezuela, WLQY-FL	1510	WLAC-TN, WFAI-NJ, Ecuador
1323	(no significant signals)	1512	Saudi Arabia, Greece
1330	WRCA-MA, WWRV-NY	1520	WWKB-NY, WDSL-NC, Colombia, WRSJ-PR
1332	Romania	1521	Saudi Arabia, Spain
1340	WMDR-ME, WNBH-MA, WMID-NJ, WGAW-MA, WIRY-NY, WYBC-CT, WSTJ-VT	1530	WCKY-OH, WVBF-MA, VOA Sao Tome, Romania
1341	UK (Northern Ireland)	1539	Spain, UAE
1350	CKAD-NS, WEZS-NH, WGFL-VA, WOYK-PA, WHWH-NJ, WINY-CT	1540	CHIN-ON, KXEL-IA, Bahamas
1359	(no significant signals)	1548	Moldova
1360	WLYN-MA, WDRG-CT	1550	WSDK-CT, Cuba, CBFE-ON
1368	(no significant signals)	1557	(no significant signals)
1370	WDEA-ME, WFEA-NH, WQLL-MD, WTAB-NC	1560	WFME-NY
1377	(no significant signals)	1566	Benin
1380	WKDM-NY, WNRI-RI	1570	CJLV-QC, WUBG-MA, WFTU-NY, WFLR-NY
1386	Lithuania	1575	Iran, Spain, Italy
1390	WEGP-ME, WCAT-VT, WPLM-MA (often silent), WRIV-NY, WFBL-NY, WSPO-SC, WZHF-VA	1580	CKDO-ON, WLIM-NY, WSRF-FL, Colombia
1395	(no significant signals)	1584	Spain, Ceuta
1400	WCYR-ME, WVAE-ME, WOND-NJ, CBG-NL	1590	WARV-RI
1404	Greece, Romania	1593	Romania, Kuwait
1410	CJWI-QC, WPOP-CT, WDOV-DE	1600	WUNR-MA, WWRL-NY
1413	Spain	1602	Spain
1420	WBSP-MA, WASR-NH, WLIS-CT, WBEC-MA, WCOJ-PA, CKDY-NS	1610	CHHA-ON, CHRN-QC, WQEA969-MA, WNSX853-MA, WPKW775-ME, WPVS949-ME
1422	Algeria	1620	Cuba, WNRP-FL, WDHP-VI, WTAW-TX
1430	WNSW-NJ, WKOX-MA, WENE-NY	1630	KCJJ-IA, KKGM-TX, WPWL406-RI, GCN relay-MA
1431	Djibouti	1640	WTNI-MS
1440	WRED-ME, WVEI-MA, WHKZ-OH, Saudi Arabia	1650	WHKT-VA, CJRS-QC, CINA-ON
1449	(no significant signals)	1660	WWRU-NJ
1450	CFAB-NS, WBNP-MA, WPGG-NJ, WVOM-ME, CHOU-QC, WSNO-VT, WCUM-CT, WCTC-NJ, WILM-DE, WKXL-NH, WOXO-ME	1670	CJEU-QC, WMGE-GA
1458	UK, Romania	1680	WTTM-NJ, WOKB-FL
1460	WKDV-VA, WOPG-NY, WTKT-PA	1690	WPTX-MD, CJLO-QC, CHTO-ON
		1700	WRCR-NY, WJCC-FL, KVNS-TX, WEUP-AL, KKLK-TX
		1710	WQFG689-NJ, R. Celestial-NY



DX FORUM – Richard C Evans – 3908 Grand Oak Ave Apt 4 – Indianapolis IN 46237
Email: REvans5435@yahoo.com

DEADLINES: Saturdays

Deadlines: 8/24, 9/7, 9/21, 9/28, 10/5, 10/12, 10/19 and 10/26

Glenn Hauser, PO Box 1684, Enid OK 73702 **wghauser@yahoo.com**

Greetings. All times and dates strictly UT. Receiver(s): mostly DX-398 with internal antenna only or PL-880; NRD-545 with ALA-330S inside E-W or inside random wire N-S; Nissan stock caradio as specified; or IC-R75 with E-W longwire.

USA. 730, July 19 at 0558, dominant signal is sports talk in English, string of ESPN promos, including one for "ESPN Charlotte", and at 0600, "The Game, Charlotte, 730 AM and 97.5 FM". No call copied but listed as WZGV, CoL Cramerton NC, U1 10000/165/PSRA 206 and also W248CO, on 97.5. Cramerton is a west-side suburb on the way to Gastonia. So it's dominant with only 165 watts? Right.

730 is an intriguing DX frequency, with a couple dozen USA stations but none legally running more than 1000 watts at night, many less than 100 or even less than 10! In fact the only 1 kW is KQPN West Memphis AR.

Because 730 was a Canadian/Mexican "clear". Canada has two 50/50 kW stations in Montreal and Vancouver, and in between 10/5 kW in Manitoba. As for XEX Mexico City, it used to be dominant with 100/100 kW, but suspect it has been downgraded. No sign of it now, at least on my E/W longwire toward NC. Annoying splash from 740 KRMG Tulsa.

Also just before ToH, heard mention of an area code 412 phone number, which is Pittsburgh PA – unless on a network feed, that could correspond to 730 WPIT, U1 5000/24/PSRA 225.

OKLAHOMA. 740, KRMG Tulsa was off the air for a while; unfortunately I missed it, but here's why: No video yet on website, but there was on the KFOR noon news August 6. Other OKC and Tulsa TV stations probably covered this.

"WOMAN ARRESTED IN CONNECTION TO DEADLY ATTEMPTED COPPER THEFT AT RADIO TOWER – Angie West [portrait = mugshot]

SAND SPRINGS, Oklahoma. A woman was arrested in connection to a suspected copper theft at a radio station's transmitter site in northeast Oklahoma that left one person dead and another in critical condition.

Just before 10 am Sunday, authorities with the Tulsa County Sheriff's Office were called to the KRMG AM transmitter site in Sand Springs. According to the Tulsa World, an engineer checked on an interrupted signal and found one man dead with wire pliers in his hand and another man severely burned, convulsing on the ground.

KRMG reports the injured man was taken to the hospital in critical condition. Officials have not yet identified the man who died.

The Tulsa World reports 37-year-old Angie West was arrested in connection to the incident. She reportedly told deputies she had taken the men to the area to take copper around midnight. She says she fell asleep in the car and when she woke up, she left. West was arrested and booked into the Tulsa County jail on a complaint of first-degree murder.

CMG Tulsa Market Vice President Cathy Gunther released a statement following the incident.

"Early this morning two individuals broke into the KRMG AM transmitter site. It appears they attempted to access a building through a conduit and were electrocuted. One of the individuals is deceased and one was transported to the hospital. From the tools and materials found at the site, it appears that they were attempting to steal copper. The safety of our community is of utmost importance – please do not enter any transmitter site, for any reason, as the area is extremely dangerous"

USA. Quick MW bandscan at SSS August 2 at 0140 finds live anti-Democratic ranting from acting president Drumpf at a rally in Cincinnati on at least: 840 WHAS Louisville, 890 WLS Chicago, 600 presumed WMT Iowa, and on 760 a station with "Amen" interjections, so KCCV, a Kansas City Bott rather than WJR Detroit? KCCV is supposed to cut from 6000 to 200 watts at night, after 0115 in August, and normally we hear only WJR. Loads of major AM stations demean themselves by spewing far-right hate shows all day, but the above are worst of the worst. Note, NOT heard on WLW Cincinnati.

USA. 830, August 5 at 0149 on E-W longwire, no WCCO, but a station playing novelty tune, but modulation keeps cutting out, for variable intervals such as on for 22 seconds, off for 5, on for 24, off for 8, etc, etc. 0156, "Happy Trails to You", barbershop performance, maybe for a sign-off? No, then "Fish Heads", but this is not Dr Demento: Of course fades out around hourtop; 0202 another novelty song with cutouts.

On the DX-398 it's hard to DF, best audible with a slow SAH circa 1 Hz in WCCO null which is ESE/WNW, but seems to peak a bit CCW from there, ie close to E-W. I don't see how this could be anything but WUMY Memphis TN (address in Southaven MS suburb), which last year's NRC AM Log shows as: a 3 kW daytimer, but CP for U1 8 kW day, 2 WATTS night, classic hits format in Stereo; and of course this is way after sunset which in August is officially 0045. Also FCC AM Query no longer shows any such CP, just daytimer license to GMF-Christian Media I LLC [sic].0

USA. [Re my 830 log presumed WUMY:] NEW TUCSON RADIO VENTURE TARGETS OLDER 'LOST AUDIENCE' By Cathalena E Burch Arizona Daily Star August 5 2019 Updated 1 hr ago.

Tucson radio will welcome a new station today that features some familiar voices.

This morning, 101.7 FM and 830 AM will go live as KDRI The Drive, a Tucson-focused music and entertainment station targeting listeners between the ages of 45 to 64.

Owners Fletcher McCusker, Bobby Rich and Jim Arnold say those are the listeners that have long been neglected not only in Tucson but nationwide by corporate-owned radio that focuses on the 25-to-40 segment.

"We kind of view them as a lost audience," said longtime Tucson business titan and community activist McCusker, the only one among the trio who doesn't have an extensive radio or broadcast background. McCusker's only foray into radio was a short stint at KWFM – he was the underground rock station's first hire – when he was 19 in the late 1960s.

The trio closed last week on the \$650,000 purchase of the radio frequencies that had been home to Christian broadcaster Family Life. The Drive will play a mix of music from the 1960s through the '80s and beyond that they say will appeal to an audience that identifies as baby boomers, Rich said.

"It's not classic rock. It's not golden oldies. But it's going to be unique, programmed by Bobby Rich," McCusker said. "His library right now is 3,000 songs, so you could literally go weeks without hearing the same songs."

When pressed for a clearer definition of the format, Rich would only say that he planned to "present on The Drive something that (listeners) will be comfortable with and familiar with and will give them something that they want, which is information and entertainment."

On Thursday, Tucson Radio began playing nonstop novelty songs, including "Camp Granada" and "Purple People Eater" under the name "The Worm." On Monday morning, it switches gears as The Drive with Rich and Hill Bailey, most recently of KHYT 107.5-FM, in the morning driver's seat... https://tucson.com/business/new-tucson-radio-venture-targets-older-lost-audience/article_145d434b-1c14-5789-beb0-90722a014d86.html (via Radio World NewsBytes, excerpts of much longer story)

Glenn: That will explain what you heard on 830, via your E/W wire (via Greg Hardison CA, August 5)

Which I assumed to be WUMY Memphis, ruling out Tucson due to its religious format, but now replaced.

FCC AM Query already has 830 as KDRI, 50/1 kW, Directional night only, ex-KFLT really since 7/31. It had been KFLT more than 33 years. Monthly Local Sunset Times: August 7:15 [0215 UT], September 6:30 [0130 UT], Sunrise times MST: August 5:45 [1245 UT], September 6:00 [1300 UT], FCC pattern maps are Not Found! But NRC Pattern Book VIII of 2013 shows it tight toward the SSE, no good here.

I try for KDRI again August 6 at 0210 before LSS, but hear only a bigsig from a WCCO SBG on 830.

KIRITIMATI. 846, July 18 at 0604, JBA carrier, surely from Radio Kiribati. Too late for anything from EurAfrica in the summer, but not too early for propagation from Christmas Island. Last trace of 846 heard here (along with several others) was April 29 at 1121-1128.

At 0607, I also have a JBA carrier noticeably off-frequency minus from 774; not sure what that could be. Surely not Iran or Indonesia as in <http://mwlist.org/mwoffset.php?khz=774>.

Just when is sunset at London=Ronton, the main town on Christmas Island? I normally consult gaisma.com, but it's wrong! Based on wrong longitude for this place:

"London, Kiribati – Basic information Latitude: +1.99 (1°59'24"N) Longitude: +157.78 (157°46'48"E) claiming August 1 Sunset at 19:41 local – 12h = 0741 UT.

It's at 157+ WEST, NOT EAST!!! Off by some 46 degrees, which makes all the other info about it wrong.

Kiribati is a very "large" country, widely separated island groups. Kiritimati is the most easterly, in fact in the western hemisphere, where it should be east of the Dateline, but to keep the country in the same day, DL has been pushed eastward. Total population only about 100 K. Yet Kiribati encompasses three time zones, UT +12, 13 and 14, which only a few other countries in the world can match or exceed (not including the largest, India and China).

Wikipedia and Geohack present the correct coordinates: 1° 59' 0" N, 157° 28' 30" W.

Now I go to <https://www.timeanddate.com/time/zone/kiribati/kiritimati> where the timezone is shown as UT +14 and the current sunset time at <https://www.timeanddate.com/sun/kiribati/kiritimati> is 18:41 local – 14h = 0441 UT.

Now that makes a lot more sense for 846 being positioned for nighttime propagation, even an hour earlier than I was hearing it: not, until two hours later.

UnID. 880, August 6 at 0613, hymns are being heard underneath Jim Bohannon from KRVN Nebraska. First thought would be KHAC, Tse Bonito NM, the make-the-Navajos-Christian station next to Window Rock AZ, but the music is on DSB, not USB only as KHAC transmits. Is KLRG Sheridan AR active or not? Was religious, could be on 220 W night power. It was silent as of 5/2018 per NRC AM Log published last August. See another discussion of this situation in DXLD 19-06. At 0630 I hear a jingle reminding me of REE Spain?

USA. Follow-up to my previous report about Oklahoma's 1320, KCLI Clinton, mentioning that 950 KFSA Fort Smith AR was off air following flooding:

"Formerly silent stations informing the FCC that they are back on the air: 950 KFSA AR Fort Smith – Silent May 26; on the air June 13. (AM Switch, NRC DX News July 23, published July 16, via DXLD)"

Never hear KFSA here anyway, directional awayward; 950 dominated by KJRG Newton KS when it can slide by local 960 KGWA.

OKLAHOMA. Electronic billboard on the NE corner of Garriott and Garland in front of the new JiffyTrip about to open in Enid (which replaced a worm-infested pecan grove; sad!), flashes "Rush will soon be on Enid FM Radio", and the same for "Sean", August 9. I can't read it all as I am in motion, but this surely refer to the 100.9 CP translator K265FL [Fully Loony] for KGWA which is already airing their rubbish on AM 960. No, 100.9 is not on quite yet. I cannot hardly wait. This will of course also difficultize if not block reception of 100.7 from Ponca City, and 101.1 from Stillwater and Woodward. KGWA's original FM sibling, 103.1 KOFM, has been spurring or overloading down to this Enid area too.

OKLAHOMA [and non]. Via Benn Kobb and Mike Cooper, we had advance notice of this event:

"US Nationwide Emergency Test Today – In the United States, the next Nationwide Test of the Emergency Alert System (EAS) is scheduled for today, August 7 2019, at 2:20 pm ET.

All radio and TV stations must participate. The test will not be transmitted via Wireless Emergency Alerts (mobile phones). Moreover, the test will not be distributed via the Internet so stations will have to get the originating signals directly by radio from assigned sources.

These tests tend to expose audio impairments and transmission glitches, which is why the government keeps scheduling them. Some stations 'forward' (rebroadcast) the tests immediately, some delay it and some don't do anything at all, though required by law. Stations must report their readiness and test results via three FCC forms.

The equipment required to create, obtain and forward EAS alerts is complex and requires periodic, expensive upgrades. Few manufacturers produce these devices. Among non-profit community stations, there is a desire to open-source these products, which would require approval of FCC and FEMA and, apparently, issuance of cryptographic keys to device makers.

This is only a test and no action is required of the radio and TV audience. However, the FCC has stated:

"Members of the public and interested stakeholder organizations that are in a position to observe test results in their communities can provide useful feedback on the nationwide test, including any problems observed or any complications in the delivery of the EAS message during the nationwide test by reporting their observations to the Public Safety Support Center at <https://www.fcc.gov/general/public-safety-support-center>."

I set an alarm a few minutes prior to 1820, but I had just started lunch. I do grab the PL-880 for some quick check, and indeed the EAS tones start at 1820 on KOSU 91.7, then switching to AM, also on KGWA 960, VVKigriega 930, KTOK 1000; and KOKP 1020 – only the last one has noisy background, but announcement is still readable. And it's all over by 1822. How can we do any significant evaluation in such a short time, especially while lunching? O, yeah, record the entire AM/FM/TV/cable spectrum and sort it out later. Not me; did anyone, unofficially?

OKLAHOMA [and non]. 1120, July 26 at 0124, Spanish music making heavy ~5 Hz SAH with silly ballgame in English, ie KETU Catoosa vs KMOX. KETU official sunset in July is 0145 (August: 0115), but supposed to be reduced from 10 to 7 kW during Critical Hours starting at 2345 – that certainly does not help out KMOX here.

KETU pattern has broad major lobe slightly west of south, ie right across Tulsa from the north side, with sharp nulls toward the NW (Colorado?) and NE (St Louis), but Enid almost to the west is getting only a fraction off the shoulder of the lobe. On caradio it's not enough to overcome powerline, traffic light noise except in a few lucky spots.

Recheck at 1602 with no KMOX, ID as "La Diferente" and a .9 FM frequency, presumably the translator listed on 97.9. Later in hour, ad for Mercado Las Americas, the grocery store which I think is involved in KETU ownership, licensed to La Zeta 95.7, which is KSEC, 6/6 kW in Bentonville AR.

USA [and non]. 1160, August 3 at 0612, KSL Salt Lake City is unusually weak; normally the dominant night signal, as to be expected for a 50/50 kW U1 = non-directional clear channel station at only ~800 miles. Now it's bothered by SAH and some station with Mexican music. If Unitedstatesian, besides two weak Floridians, per year-old NRC AM Log (new one soon to be published), that could only be KCTO Cleveland MO, 230 watts at night directional. WRTH shows only a single possible Mexican, 10 kW XEQIN, San Quintín BCN. IRCA Mexican Log says night power unknown, and four other 1160s have evidently defected to FM.

Getting back to KSL, suspect it is ailing, running low power. Another check August 4 at 0520, music unlikely KSL, but a SAH at 168/minute = 2.8 Hz probably caused by KSL against the other station. KSL is somewhat northerly; attenuated aurorally? Possibly, but similar latitude although closer 850 KOA Denver seems normal.

USA. 1160, August 9 at 0241, further check of KSL Salt Lake City, which has been unusually weak lately: now it's sufficient, but a SAH of 156/minute = 2.6 Hz, on the R75; rather different on the DX-398, easily nulling KSL increasing QRM from music, Spanish. At 0317 the QRM is worse, Spanish music overcoming at times. Nothing from UT to compare it with, but 850 KOA Denver is also poor, when it could/should be good. I hear from people at KSL that things seem OK there, running full 50 kW from the Nautel, but they are looking into it.

Mr Farnham, as you may have heard, my reception of KSL here in Oklahoma, some 800 miles away has deteriorated lately. It's hard to be sure why, but I wonder if it could be due to your using MDCL? [Modulation Dependent Carrier Level]. I assume it makes sense for local coverage and cost saving, but ---? Can you confirm or comment on this change, and when did it start? Regards, (Glenn Hauser, World of Radio, to KSL CE)

Yes, we are using MDCL and have been for over 3 months now. When did your issues begin? (Aaron Farnham, Director of Engineering, Bonneville SLC, August 11.)

Only noticed the past week in random bandscanning, but I can't say I had been deliberately trying to hear KSL much before that.

USA. 1190, August 3 at 0611, Catholic talk is dominating with some fades, as usual at night. KDMR Kansas City with EWTN is supposed to be 500 watts directional at night, but I suspect may be on 5000 watt day power, and/or: KDMR night pattern has a notch at 205 degrees, but we are somewhat beyond that, close to due SW = 225; FCC pattern map shows major broad lobe centered about 260 degrees.

https://transition.fcc.gov/Bureaus/MB/Databases/AM_DA_patterns/1641134-124452.pdf WWJD? Keep Doting on Maria Regina!

USA. 1210, July 17 at 0559, WJNL Kingsley MI among multi-station ID of the group, so fast I have never been able to copy details, and 0600 "news now"; top among CCI with more than one SAH, but primarily timed at 152/minute = 2.53 Hz. The 50 kW daytimer continues cheating all night. Now another report of this at the very same time July 17 from Steve Zimmerman, Milwaukee WI, to the WOR io group:

"Hi All, Per Glenn Hauser's tip, I am hearing WJNL with city-grade sigs on peaks, but some deep fades as well. Tune-in at 0550 with a blizzard of commercials, followed by a show engaging conspiracy theories, then multiple IDs for MI stations on AM and FM. ToH news at 0600.

In spite of the fact that they run 50 kW ND, they are very difficult to hear here on daytime groundwave, even though the path is mostly over Lake Michigan. Ground conductivity in that part of MI is poor at best, so maybe that has something to do with it. Rx: ICF-5900W and built-in antenna. 73, Steve Zimmerman, Milwaukee WI"

USA. 1210, July 18 at 0559, WJNL Kingsley MI 50 kW daytimer continues cheating all night, wrapping up talkshow something-Reality-Radio – is it Beyond? Not on their station list <http://beyondrealityradio.com/stations-list/> but time fits as Monday-Thursday 12-2 am ET [0406 UT]. I'm sure this is WJNL yet again, although at ID time, KGYN is atop. Now the SAH is 156/minute = 2.6 Hz.

Or is it Public Reality Radio? Originating with WPRR 1680 Ada (Grand Rapids)? <http://www.publicrealityradio.org/>. Nothing there about being on the WJNL group too, but I see some erstwhile left-wing hosts are to be heard: Stephanie Miller, Thom Hartmann!

USA. 1210, August 3 at 0355, heavy SAH typical of KGYN vs WJNL as previously measured, this time about 168/minute, or 2.8 Hz; national commercial, but then "94.5 WJNL" ID and back to Jim Bohannon show live. So 50 kW daytimer in Kingsley MI, Traverse City market is still cheating as first noted here a sesquimonth ago. 94.5 would be their FM affiliate in Mackinaw City. (Have not been able to confirm WJNL since then to August 11, more due to high local line noise level peaking this part of MW band!)

UnID. 1210, July 22 at 0600, "this is the Ben Miller show", atop CCI including something in Spanish. Of course I am checking for WJNL Michigan cheater. Searching is sparse on that name; there were some citations 12 years ago but can't find anything current.

OKLAHOMA. 1230, July 15 at 0038, Oh2, WBBZ Ponca City must be off again, no strong signal this long before sunset; or is that its carrier now with growing graveyard skywave? Yes, it is! Legal ID at ToH 0100 then back to dead air.

Meanwhile I have been walking around the block with the PL-880 on this frequency trying to track source of high line noise level. It's slightly CCW from N/S with a sharp null (which should be occupied by WBBZ), and little change from different sides, signifying it's radiating from some distance away.

1230, WBBZ is back in business, S9+20 by 2225 check July 15 with rock music, "Sunny 1230" slogan. At least not "Sunny 104.7" this time.

USA. 1480, August 9 at 1306, "Good Morning Sunshine" song is finishing, English named in outro, then woman and man light-hearted Vietnamese chat, from KNGO Dallas, ex-KBXD, but I've yet to hear the new ID since it changed a few months ago. Initially atop KQAM Wichita, but skywave is dying down less than a sesquihour after sunrise, and soon losing to KQAM English talker by groundwave.

OKLAHOMA [and non?]. 1600, July 17 at 1321, KUSH Cushing local talkshow with ripple – either CCI from an unstable transmitter or its own? Vietnamese from KRVA The Metroplex seems in background and would be the obvious spoiler, via high-end residual skywave almost a bihour after LSR; but never noticed any such problem from them before; recheck at 1354, now KUSH is clear. Other close 1600s are in AR, MO, KS and NE.

CANADA. 1610, August 2 at 0133, woman mixing English with South Asian language, no doubt CHHA, Toronto, Voces Latinas, in two languages which are anything but Latin. Four-year-old program grid still comes up on website <http://chha1610am.ca/wp-content/uploads/2015/09/PostCard-CHHA-1610AM-2016.jpg> claiming Portuguese occupies the M-F 9-10 pm ET hour, but I'll bet it's Punjabi shifted from the 10-11 pm EDT hour.

OKLAHOMA. 1640, July 29 at 1320 and still at 1649, dead air except for some hum from local KZLS Enid. Is no one paying attention at Chisholm Trail Broadcasting? No storms around here to blame.

OKLAHOMA [and non?]. 1650, August 2 at 0131, 479-area code ad, and non-ID as "Life 98-7", ie the puny translator in Fort Smith AR, of KFSW which is really in Sallisaw OK.

In QRM also a mention of "The River Valley", which seems extremely generic applicable to anywhere, but is a known moniker for eastern Iowa, ie KCNZ Cedar Falls (BTW, what a coincidence that WCNZ is on the next frequency 1660, in Marco Island FL, presumably unrelated with widely divergent formats).

UnID. 1670, July 19 at 0621, very poor signal mentions "1530 AM". Usual 1670 here of the only four Unitedstatesians is WOZN Madison WI. I can't find any group relation to a 1530 station, nor for the other three 1670s, one of which is Spanish anyway.

WORLD OF RADIO confirmed Sunday July 21 at 0359 on WA0RCR, 1860-AM, MO, at the item about YHWH best heard via Prescott and Denver remotes, ie 16 minutes into, so must have started quite late around 0343. My previous check was at 0339 when ham news by woman was still running. Barely audible vs high summer storm noise level.

Also confirmed Sunday August 11 at 0329 on WA0RCR, 1860-AM, Wentzville MO, amid quoting Bob Biermann, interrupted for ham ID as required every dekaminate, about 20 minutes into so started early circa 0309; S9+20 readable over storm noise level.

USA. 2097.3, August 2 at 0620, CW beacon A every ten seconds, audible despite storm noise level worse than line noise at this frequency; from anywhere *but* Quartzsite AZ. Again audible same August 3 at 0353 check. Have not been able to hear the W weather beacon around 4102+ kHz, however.

UnID. 2750, July 19 at 1216, weak carrier fading; not even 2850 North Korea is audible. Not a spot for local mixtures. If a MW harmonic, it could only be 5 x 550, where KFRM KS dominates daytimes here.

USA. 3215, July 20 at 0205, WWCR-1 gospel huxter with squeal on #1 transmitter as also heard when strong on 15825. Should also appear when on 6115 at 22-01.

USA. 3264.9, July 20 at 0204, JBA carrier from this WBCQ; improving? Was never listenable even in winter. The only program on sked for it is AAABWW, Saturday 0001 in the "triumulcast".

CUBA. 4765, July 20 at 0152, Radio Progreso is back on after missing at least one month, music at S9+30/40 but undermodulated.

CUBA. 5025, August 7 at 1952, line noise level has abated, and I detect the JBA carrier from Radio Rebelde, but strangely there are also audible pips at the rate of 40 per minute superimposed. An artifact around here, or transmitted that way? Something's frequently wrong at RadioCuba.

USA. 5085, Sat July 20 at 2330, WTWW-3 is OFF when 'Theater Organ in the Ozarks' is supposed to appear – but it's running OK on \$tereo webcast <http://wtww.us/pages/listen-live/transmitter-2-html-5.php>. I *know* I have heard this ep before, with comments about Johnny Carson, etc, in fact more than once. Are there any new TOITOs?

End at 2402, when I recheck: not only is 5085 absent, but all other possible WTWW frequencies. Re-re-check about an hour later, now at least 5085 is on with ham stuff.

5130.4, Saturday July 20 at 0151, this WBCQ is also still on with some talk; 0200 opening? a program we had never heard of or about, 'One Hundred watts and a Wire', with ad/plugs for lcom ham equipment, and also own website onehundredwattsandawire.com – no, make it numbers: <http://100wattsandawire.com/> which has been a podcast for four years, but nothing about it being on WBCQ. "The intersection of life and amateur radio"; originates in Florissant MO; about heat wave in Missouri; participating in the 13 Colonies special event recently.

So this and whatever was on 7490 after AWWW should be on the WBCQ program schedule, right? Wrong. Nothing shown on 7490 after 0100 Saturday; on 5130, "Saturday 0100 0200 UTC Friday 09:00PM 10:00 PM EST [sic] Matt Boland Presents" instead of 100 watts, etc. BTW, 'Radio for Peace International' is now listed on 5130, Friday at 0200-0300.

Until the next, Best of DX and 73 de Glenn.



GEOMAGNETIC INDICES – Compiled by: Phil Bytheway
Email: DXM.EIC@gmail.com

Geomagnetic Summary July 1 2019 through July 31 2019

Tabulated from WWV on-line status daily (K @ 0000 UTC): <ftp://ftp.swpc.noaa.gov/pub/forecasts/wwv/>

Date	Flux	A	K	Space Wx										
7/ 1	68	9	2	no storms	7/12	67	5	1	no storms	7/23	67	6	2	no storms
2	67	5	1	no storms	13	66	6	2	no storms	24	68	4	2	no storms
3	67	4	1	no storms	14	67	5	2	no storms	25	68	3	1	no storms
4	68	5	2	no storms	15	67	7	0	no storms	26	68	3	1	no storms
5	67	5	1	no storms	16	67	4	1	no storms	27	67	4	1	no storms
6	67	3	1	no storms	17	68	6	2	no storms	28	67	4	0	no storms
7	67	5	2	no storms	18	67	3	1	no storms	29	66	4	1	no storms
8	67	9	3	no storms	19	67	4	1	no storms	30	66	8	3	no storms
9	68	17	4	minor, G1	20	67	3	1	no storms	7/31	67	8	2	no storms
10	68	15	2	minor, G1	21	68	8	3	no storms					
7/11	67	8	1	no storms	7/22	67	8	1	no storms					

Gx – Geomagnetic Storm Level

Rx – Radio Blackouts Level

Sx – Solar Radiation Storm Level



VERIFICATION SIGNERS – Stephen S Howe – 9 Warner Dr – St Albans VT 05478-1575
Email: showe@albany.edu

My deadline is the last Monday of the month at 1500 ELT.

CONTRIBUTORS

- MF **Martin Foltz**, Mission Viejo CA; martinfoltz@cox.net
- EK **Edward Kusalik**, Daysland AB; ekusalik@telusplanet.net
- JW **John Wilkins**, Wheat Ridge CO; peakbagger3@juno.com [through Phil Bytheway]

FREQ CALL NAME, TITLE; ADDRESS; WHAT; WHEN; WHO

- 1350 KPWK* [Illegible]; P; 12f; JW [Station in Riverside CA]
- 1430 KMRB** Felix Guo, Senior VP MRBI; 747 E Green St, 4th Floor, Pasadena CA 91101-2145; P; 8; MF [Station in San Gabriel CA]
- 1610 CHRN*** Jasvir Sardhu, P; js@radiohumsafar.com; E; 1; EK [Station in Montreal QC]
- 1700 WRCR Alexander Medakovich [KD2KJ], Stn Ann; alex@wrcr.com; E+; 5; EK [Station in Haverstraw NY]****

WHAT was received: L = Letter with personalized statement; F = Form letter; Q = QSL card, commercially printed; C = Postcard or similar card supplied by station; P = Prepared card or form supplied by DXer; R = DXer's report returned with statement; cf = Certificate; E = Verification by Email; fx = Verification by FAX; M = Coverage map; B = Bumper or other sticker; bc = Business card; + = Extra goodies

WHEN the reply came: Number of days elapsed; f = Follow-up, by mail, FAX, Email, or visit; n = Return postage not used; r = Return postage returned

NOTES: * [For this column] = Station address listed below; ** [For this column] = See comment below; *** [For this column] = See comment below; **** [For this column] = See comment below

Thanks to Martin, Ed, and a tip contributed from the NRC by permission through Phil Bytheway we have a column this month. Here is the mailing address I found for KPWK on their website: Fox Sports Radio 1350 AM, 2030 Iowa Ave, Suite 100, Riverside CA 92507. Martin sent his report and .mp3 recording to KMRB by Email. MRBI stands for Multicultural Radio Broadcasting, Inc. and the station broadcasts in Cantonese. CHRN is also known as Radio Humsafar, which according to the verie signer means "travelling together in life." Ed thanks Vashek Kornik from South Africa who helped him obtain this verie after numerous previous reports to other personnel had failed to elicit responses. The signer of Ed's WRCR verie mentions that he practices medicine full-time and that the transmitter site in Haverstraw, NY was found after a long and painstaking search after the station lost its lease at its former Nanuet, NY site. This column was prepared on 7/29/19. 73, SSH.



2019-2020 IRCA DX CONTEST – Manager: Nancy Johnson – 2922 S Olivewood – Mesa AZ 85212
Email: NancyJohnson@prodigy.net

2019-2020 IRCA DX CONTEST RULES

This season each station reported must contain at least one of the letters from "IRCA DX CONTEST." As long as one of the following letters is included in the calls, the station will count: ACDEINORSTX. Every station 530-1710 kHz will count. All domestic and foreign stations will be worth one point! Some stations that have not been eligible in the past you will be able to report this season, such as TIS and HAR stations and stations on split frequencies.

The contestant with the most total points at the end of the contest will be determined the winner.

The contest will be open to all IRCA members in good standing. Entrants will be disqualified if they cease to be members of the club. The contest will run from 0001 September 1 2019 through 2359 May 31 2020. You may join the contest at any time during the year.

All loggings must be made within 25 miles of your main DX location. If a person moves during the contest they may start over at the new location. To count a US station, you must hear the actual call letters. To count a Canadian, Mexican or foreign station, you must hear the actual call letters or hear a recognized slogan plus location. Loggings may be first time heard, or relogs of stations heard before. If a station changes call letters it may be relogged and be counted.

Contest entries must list station call letters, frequency, location, date and time of logging.

Your contest report of stations heard in any particular month must be postmarked by the 5th day of the following month. For example, a station heard on September 12th must be submitted by October 5th to be eligible. Failure to do this will disqualify the item in question for points. Contest entries must not be sent along with WDXR DX tips as they easily become lost when filed away in the WDXR file. Contest entries may be sent Email or postal mail to the address above. Email entries must not be "attached files."

The contest manager will have the final word on all station and interpretation of all rules, including disqualification of a station for scoring or a member from the contest.

Standings will be updated on the 15th of each month and results published in the next available bulletin subject to normal deadline delays. The final standings will be tabulated on June 15 2020 and will appear in the July bulletin.

The contest manager may join the contest but will be ineligible for the prize. There is no entry fee for the contest.

Entry in the contest implies consent to all rules, including those which may appear later as necessity dictates. If you have any questions, please write.

Prize: A \$20 Amazon gift card will be the prize for the contest winner. The contestant with the most total points at the end of the contest will be determined the winner. Have fun! 73 -Nancy

Volume 56, 16-35 highlights

Title (approximate page count) author (month/year - volume/#)

- Hawaii Ultralight DXpedition - Exotic and Memorable MP3's (0.8) Gary DeBock (12/18 - 56/16)
- THE D-KAZ COOKBOOK (8.2) Mark Durenberger/Neil Kazaross/Nick Hall-Patch (01/19 - 56/18)
- DXpedition #2 - December 29 2018, Marais Temps Clair Conservation Area, Black Walnut MO (0.6) Eric Bueneman (NØUIH) (01/19 - 56/18)
- 2018 Long Beach Island (LBI) DXpedition (6.6) various (56/19)
- Latest DXpedition from Masset BC 27 December 2018 to 2 January 2019 (2.5) Walt Salmaniw (01/19 - 56/19)
- Mini-DXpedition to Sandy Neck Beach (0.8) Ray Barstow (01/19 - 56/20)
- Loggings from Waters Edge - Fleeton VA (2.5) Bill Whitacre (02/19 - 56/22)
- November 2018 Poipu, Hawaii Ultralight DXpedition (4.9) Gary DeBock (02/19 - 56/22)
- Solar Eclipse 2017 DX from Western America (4.4) Nick Hall-Patch (02/19 - 56/25)
- August 2018 Rockwork Cliff DXpedition - The Grand DXing Tour of Multiple Ocean Cliff Turnoff Sites (3.5) Gary DeBock (03/19 - 56/27)
- New Radiowor R-108... The Good, the Bad and the Ugly (0.4) Gary DeBock (03/19 - 56/27)
- "Supercharging" Loopstick Shootout - Fight to the Finish (of the MW Band) (0.5) Gary DeBock (03/19 - 56/27)
- DX at the Breakwater Inn - Grayland WA (0.6) Nick Hall-Patch (04/19 - 56/29)
- DXpedition #3 - Sioux Passage County Park near Florissant MO (0.6) Eric Bueneman (NØUIH) (06/19 - 56/32)
- DX at Menauhant Beach on June 16 2019 (0.7) Roy Barstow (06/19 - 56/34)
- April Hong Kong Ultralight DXpedition (3.5) Gary DeBock (07/19 - 56/35)
- DX at Menauhant Beach on 6-23-19 (1.2) Roy Barstow (07/19 - 56/35)
- Australian DXers' June 2019 Rarotonga DXpedition (1.0) Gary DeBock (07/19 - 56/35)
- EUROPEAN TRIP - MAY 2019 (0.9) Pete Taylor (07/19 - 56/35)

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>.

Prices: IRCA/NRC members - \$10.00 (US), \$11.00 (Canada), \$11.50 (Mexico), \$12.50 (rest of the world). Non-IRCA/NRC members - add \$2.00.

"DX Monitor" on DVD

IRCA's regular bulletin "DX Monitor" Volumes 1 through 53 in .pdf format on 2 DVDs. Re-live the days gone by and re-introduce yourself to the former members who helped make the IRCA great!! NOTE: You will NEED a DVD reader to open the .pdf files. These files were TOO LARGE to use regular CD's.

Prices: IRCA/NRC members - \$15.00 (US), \$16.00 (Canada), \$16.50 (Mexico), \$17.50 (rest of the world). Non-IRCA/NRC members - add \$2.00.

To order from the IRCA, send the correct amount (in US funds payable to Phil Bytheway) to: IRCA, 9705 MARY NW, SEATTLE WA 98117-2334. Or, order through PayPal to Email: phil_tekno@yahoo.com (Phil Bytheway). Please state club affiliation when ordering.

THE INTERNATIONAL RADIO CLUB OF AMERICA
PO Box 60241, Lafayette LA 70596
<http://www.ircaonline.org>

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 October through March, twice monthly from April to October.) **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.



CLUB OFFICERS AND CONTACT INFORMATION

President: Bruce Portzer, 6546 19th Ave NE, Seattle WA 98115
Email: portzerbt@gmail.com (all proposals, suggestions and gripes go here)

Secretary-Treasurer: Lynn Hollerman, PO Box 60241, Lafayette LA 70596
Email: lynnhollerman@yahoo.com (dues, address changes, IRCA mailing list sign-ups)

Board of Directors: Dennis Gibson - wb6tnb@yahoo.com, Stephen S Howe - showe@albany.edu, John C Johnson - John_Johnson@prodigy.net, Patrick Martin - mwdxer@webtv.net, Mike Sanburn (Chairman) - mikesanburn@hotmail.com and Robert Wien - wienbob@aol.com

Publishing Committee: Temporary Editor-in-Chief: Phil Bytheway, 9705 Mary Ave NW, Seattle WA 98117-2334
Email: DXM.EiC@gmail.com (all material for publication goes here)

MEMBERSHIP DUES

Worldwide \$5 (for the first year - ie a joining fee)
Worldwide \$0 (subsequent years - ie renewal)

Make checks and Money Orders in US funds payable to IRCA
All dues and address changes go to: IRCA, PO Box 60241, Lafayette LA 70596

Pay electronically with PayPal. Go to www.paypal.com, then send your dues to ircamember@ircaonline.org - contact Lynn Hollerman for more information.

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

Unless otherwise noted, permission is granted to publish, broadcast, or otherwise reproduce non-copyrighted material appearing in **DX Monitor** provided credit is given to the IRCA and permission is obtained from the original contributor. Opinions in **DX Monitor** are those of the original contributors and do not necessarily reflect those of the IRCA, its publishing staff, editors or officers.