



# DX MONITOR

The official publication of the  
International Radio Club of America

September 14 2019 – Volume 57 Number 03 – Edition 1815 – ISSN 899-9733

Zowie!!! IRCA welcomes the following: **William Feidt** in Kensington MD, **Göte Lindström** in Sweden, **Dave Schlicher** in Lynwood WA (via the convention), **Jerry Espada** in Olympia WA (via the convention), **Jason Espada** in Olympia WA (via the convention) and **Michael Vitale** in Pinckney MI. Seattle deadline for our next issue (V57\_N04) is **Monday 09/23/19 1600** (this time, a one week break, then the weeklies – pb)

### IRCA Mexican Log, 22nd Edition (Winter 2019) – now available!!

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

The 2019 Mexican Log .pdf is posted on the IRCA website for all to download. The link is:

[https://www.ircaonline.org/editor\\_upload/File/2019%20Mexican%20Log.pdf](https://www.ircaonline.org/editor_upload/File/2019%20Mexican%20Log.pdf)

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

Prices: IRCA/NRC members – \$5.00 (US), \$6.00 (Canada) \$8.00 (México), \$9.00 (rest of the world). Non-IRCA/NRC members – add \$1.00.

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

### AM Radio Log 40<sup>th</sup> Edition (now available – pb)

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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 40<sup>th</sup> 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 37<sup>th</sup> 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 39<sup>th</sup> 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 8<sup>th</sup> edition of the Antenna Pattern Book.

You may order the 40<sup>th</sup> edition at [www.nationalradioclub.org](http://www.nationalradioclub.org) using PayPal or by snail mail check or money order to NRC HQ, PO Box 473251, Aurora CO 80047-3251.



**IRCA ELECTIONS – Nick Hall-Patch – 1538 Amphion St – Victoria BC Canada V8R 4Z6**  
Email: [nhp@ieee.org](mailto: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](mailto:nhp@ieee.org).



**IRCA PRESIDENT – Bruce Portzer – 6546 19th Ave NE – Seattle WA 98115**  
Email: [portzerbt@gmail.com](mailto: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](mailto:wienbob@aol.com) Phone: 301-477-3733 Column Deadlines: Saturdays

**DATE OF COLUMN:** September 07 2019 **Column data span:** August 24-September 07 2019, Data courtesy of [Stationintel.com](http://Stationintel.com), FCC database and member contributions.

### CALL CHANGES

FREQ	OLD CALL	CITY OF LICENSE	NEW CALLS
660	WORL	Altamonte Springs, FL	WDYZ
1480	WDXW	Bridgeport, AL	WJTW

### FORMAT, SLOGAN AND SILENT STATUS CHANGES

FREQ	CALL	CITY OF LICENSE	NEW INFORMATION
560	WGAN	Portland, ME	old slogan: "NewsRadio 560", new: "NewsRadio 560-98.5"
640	WMEN	Royal Palm Beach, FL	old slogan: "640 The Hurricane", new: "Fox Sports 640 AM South Florida"
	WGST	Atlanta, GA	adds slogan: "640 Fox News Radio"

670	KMZQ	Las Vegas, NV	old slogan: "The Right Talk", new: "The Right Talk For Vegas"
750	WSB	Atlanta, GA	old slogan: "News-Talk Radio", new: "95.5 WSB"
840	KJFA	Belen, NM	was Spanish CHR, now Spanish Urban, old slogan: "Exitos 102.9", new: "Fuego 102.9"
850	WFTL	West Palm Beach, FL	old slogan: "Big Talk 850", new: "850 WFTL News Talk"
910	WZMG	Pepperell, AL	was urban gospel, now Fox Sports Radio, old slogan: "Hallelujah 910", new: "Fox Sports 910-1310 'The Game'"
920	WKVA	Lewistown, PA	old slogan: "Big 100.3", new: "WKVA 100.3"
980	KTCR	Selah, WA	was Spanish sports, now oldies, old slogan: "ESPN Deportes", new: "Kruzn KTCR"
1030	KVOI	Cortaro, AZ	was talk, now news/talk
1090	KMXA	Aurora, CO	was sports, now ranchera, adds slogan: "Jose"
	WBAF	Barnesville, GA	was country, now classic hits, old slogan: "Outlaw Radio", new: "97.3 104.9 Fox FM"
1120	WXJO	Douglasville, GA	now silent
1130	WBZB	Murray, KY	old slogan: "The Busy Bee", new: "The Busy Bee 104.5"
1160	WBYN	Lehighton, PA	was sports, now talk, adds slogan: "The Voice"
1170	KBOB	Davenport, IA	was classic country, now ESPN Sports Radio, old slogan: "K-Bob", new: "ESPN Sports"
1220	KTMZ	Pomona, CA	old slogan: "ESPN Deportes", new: "Radio Deportes"
	KGIR	Cape Girardeau, MO	was silent, now sports
1240	WLLV	Louisville, KY	old slogan: "Real Gospel Talk WLLV 1240", new: "WLLV 1240 AM Love"
	WOON	Woonsocket, RI	old slogan: "O-N 1240", new: "O-N AM and FM"
1310	WPCH	West Point, GA	was urban gospel, now Fox Sports Radio, old slogan: "Hallelujah 910", new: "Fox Sports 910-1310 'The Game'"
1330	KWKW	Los Angeles, CA	old slogan: "ESPN Deportes", new: "Radio Deportes"
	KOVE	Lander, WY	old slogan: "1330 Country", new: "Hot Country and Old Time Favorites 1330 AM and 107.7 FM"
1370	WFDR	Manchester, GA	was country, now classic hits, old slogan: "Outlaw Radio", new: "97.3 104.9 Fox FM"
1400	WZAZ	Jacksonville, FL	now silent
1450	WROX	Clarksdale, MS	now silent
	KRZY	Albuquerque, NM	was Spanish sports, now ranchera, old slogan: "ESPN Deportes 1450", new: "Jose"
1480	WDAS	Philadelphia, PA	was adult contemporary, now Fox Sports Radio, old slogan: "Breakthrough Radio", new: "The Gambler"
1520	WTLM	Opelika, AL	was classic country, now urban gospel, old slogan: "Classic Kicker Country 1520", new: "Hallelujah 1520"
1540	WTXY	Whiteville, NC	was country, now new unknown format
1550	WNTN	Cambridge, MA	was variety, now ethnic
	KESJ	St Joseph, MO	was sports, now classic rock, old slogan: "ESPN 1550", new: "Joetown 107.5"
1570	KCVR	Lodi, CA	was Spanish sports, now ranchera, old slogan: "ESPN Deportes 1570", new: "Jose"
1650	KSVE	El Paso, TX	was ESPN Deportes Radio Network Spanish sports, now Entravision Radio La Suavecita, old slogan: "ESPN Deportes 1650", new: "Radio La Suavecita"

#### MEMBER CONTRIBUTIONS

**Martin Foltz** of Mission Viejo CA sends along the following dated 8/29/19:

I saw in (DX Monitor-ye ed) 57-01 that KWAI was silent and returned to the air with unknown format.

I just returned from Kauai and had time to listen. KWAI was playing "The Music of Your Life" program and using "The Mighty Ten Eighty" slogan when I listened one night. Also playing similar music when driving around the island during the day.

**Jon Pearkins** sends along the following corrections to the last BI column re some Canadian stations, dated 9/4/19:

I ran your Canadian changes by Dan Sys' Facebook page followers, and they were just as baffled as I was when I read them in the last issue of DXM:

540	CBEF Windsor, ON was French news, now news/talk	1040	CJMS St.-Constant, QC was French country, now country
860	CJBC Toronto, ON was French news/talk, now news/talk	1650	CJRS Montreal, QC was French religion, now religious teaching
	CBKF Saskatoon, SK was French variety, now variety		

It seems to imply that each of these stations is now doing some English programming, but some followers even spent some time listening to one or more of the stations and heard nothing but French. And, CBEF moved from 540 to 1550 in 2013.

Just wanted to mention it, as a heads up (note: this was as reported by stationintel.com in the last column-ye ed).

**Mike Sanburn** of Bellflower CA sends along the following from **Paul B Walker** of Laramie WY via the IRCA io Digest dated 9/3/19:

Entravision has dropped ESPN Deportes this weekend on KMXA ahead of the networks closure in a few days. The station is now playing ranchera and norteño music, IDing as "Jose 1090 AM". I noticed it this afternoon (September 2nd).

**Ye editor noted the following while on vacation to NE Maryland on 9/2/19:**

While driving through the Aberdeen/Havre de Grace/Elkton MD area on vacation, noted WHGM-1330 Havre De Grace, MD NOT on the air and apparently silent. Their website at: <http://www.whgmfm.com/> says "We'll be back soon! We are busy working on the WHGM Gold website and plan to have it back shortly." Not back yet as of 9/5/19....

Hope everyone had a good time at the IRCA Convention in Seattle WA this weekend, guess it ended Sunday 9/8 (no - pb). Had my vacation last weekend up in Aberdeen MD, no more vacation time so couldn't attend Seattle if I wanted to, sigh. Weather definitely getting cooler, conditions getting better and better, everyone please report your DX to the respective columns and format/slogan/call changes to here. Have a great beginning of September. Football season has started, yay! 73's. **Bob Wien**



**CANADIAN RADIO NEWS – Dan Sys**  
Email: [sysdan@gmail.com](mailto:sysdan@gmail.com)

For August 2019, September 1 2019:

#### SHORT-TERM LICENCE RENEWALS GRANTED

600	QC	Montreal	CFQR	Licence renewed short-term to August 31 2023 due to issues of non-compliance.
1670	QC	Gatineau	CJEU	Licence renewed short-term to August 31 2023 due to issues of non-compliance.

#### PROPOSED TECHNICAL CHANGES

1350	ON	Brampton	CIRF-cp	Relocate transmitter. Requests a one year extension to get the station on the air.
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**WESTERN DX ROUNDUP – Nancy Johnson – 2922 S Olivewood – Mesa AZ 85212-2923**  
Email: [NancyJohnson@prodigy.net](mailto:NancyJohnson@prodigy.net)

**WDXR DEADLINES:** 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)	<b>Rick Barton</b> -9444 W. Newport-Sun City AZ 85351 <a href="mailto:desertmoon_dxshack@inbox.com">desertmoon_dxshack@inbox.com</a> Transoceanic R-7000, RF-2200, Satellit 205/T.5000, SW-2000629 and Terk loop
(JCJ)	<b>John Johnson</b> -2922 S Olivewood, Mesa AZ 85212 <a href="mailto:John_Johnson@prodigy.net">John_Johnson@prodigy.net</a> SDRplay RSPduo, Wellbrook ALA1530LNP
(GK)	<b>Glen Kippel</b> -Yucca Valley CA <a href="mailto:gkippel@hotmail.com">gkippel@hotmail.com</a> Icom R-75, loops

- (PM) **Patrick Martin**-PO Box 843-Seaside OR 97138-0843 [mwdxer@gmail.com](mailto:mwdxer@gmail.com)  
Drake R8, 30X100X30 SW EWE antenna
- (JP) **Jon Pearkings**-Edmonton AB [jon@pearkings.com](mailto:jon@pearkings.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](mailto:mikesanburn@hotmail.com)  
Sangean DT 160

- \*\*\*\*\*
- 570 KNRS **UT**, Salt Lake City 8/30 0829 "On Talkradio 105-9 KNTS." (no mention of AM frequency at all – sigh) (RB-AZ)
- 650 KGAB **WY**, Cheyenne 9/6 0456 Coast to Coast AM, 0459 call sign ID and into news at 0500. (GK-CA)
- 660 KTNN **AZ**, Window Rock 8/24 0735-0742 surprise! Instead of the usual country music and Navajo music, oldies "Mashed Potato Time" and "Louie Louie," Navajo YL announcer. (GK-CA)
- 750 KAMA **TX**, El Paso 8/30 0545 dominating frequency with norteña music. Day power? (GK-CA)
- 740 KCBS **CA**, San Francisco 8/28 0600 good ID on the hour, network news to local news at 0606, to traffic report ("on the traffic leader KCBS"). Steady and good on loop null of local loudmouth on 740. KCBS is a 50kw powerhouse, but usually covered here by KIDR. (RB-AZ)
- 900 KMVI **HI**, Kahului 10/1 good on top of presumed Fresno with ESPN Sports. TOH ID at 0359:45 as "Your ESPN Radio for Maui, KMVI Kahului," back into ESPN Radio at 0400. S9+10 signal. (PM-OR)
- 1000 KOMO **WA**, Seattle 8/27 0642 "KO MO Triple-A Traffic Report." Due to antenna pattern, not often heard here, though certainly not unheard of either. Very solid and strong this morning. (RB-AZ)
- 1030 KMAS **WA**, Shelton 8/25 0101-0105 equal strength with KTWO just after play by play of Seattle Seahawks with closing credits into ads. First time heard here. It is normally KTWO all alone or with WBZ in KTWO null. KMAS was presumably running late on 10kw day power but there were also reports of KTWO running lower power the day before and the day after. (JP-AB)
- 1210 KHKR **UT**, Washington 8/25 2149 break from biography of Jimmy Johnson's years at Miami. At 2149 ad spot for "Cedar City Aquatic Center," "Southern Utah's Sports Leader, ESPN Sports Radio 97-7." This version of ID again at 2159, then hurried ID with mention "Saint George." After the hour did not return to the Jimmy Johnson bio. Strong and dominant at sunset here on RF-2200. (RB-AZ)
- 1270 KDJI **AZ**, Holbrook 8/31 0812 with political talk. (GK-CA)
- 1310 KFKA **CO**, Greeley 9/6 0450 PSA for Colorado National Guard. (GK-CA)
- 1360 KFIV **CA**, Modesto 8/26 mixing or over local KPXQ. KFIV had to be on daytime power. 0100 out of spots with "The Valley's political talk headquarters, right now. Right now, power talk 1360 KFIV Modesto" legal ID into Fox News. First time heard. (JCJ-AZ)
- 1370 XEHG **BCN**, Mexicali 8/31 0903 Mexican National Anthem by choir. (GK-CA)
- 1380 KLPZ **AZ**, Parker 8/31 0330 HSFB play-by-play, Parker wiping our Wickenburg. (RB-AZ)
- 1450 KZNU **UT**, St George 8/27 0532 strong with ID "93.1 FM and 1450 AM KZNU." (MS-CA)
- 1500 KSTP **MN**, St Paul 9/4 0700 totally dominating, strong semi-local signal. Heard on Trans-O Royal R-7000. String of local spots on the quarter hour. (RB-AZ)
- 1550 KMRI **UT**, West Valley City 8/27 0742-0814 with a mix of norteña, banda, grupera and tropical music, "La Raza" IDs. On day power? (GK-CA)  
+8/28 0057:45 just the two word "La Raza" ID between songs, otherwise continuous traditional Mexican ranchera music. Dominant 0033-0038 with some KRPI when nulling KMRI. Odd fades sounded more like drops in modulation levels but could be soft muting by the receiver's DSP noise suppression. Running full 10kw day power, as KRPI is usually all alone and unnullable. (JP-AB)
- 1630 KCJJ **IA**, Iowa City 8/20 0617-0736 music, talk and "KCJJ" call sign ID. (GK-CA)
- KRND **WY**, Fox Farm 8/30 0754 "La Hota Mexicana" and Spanish music. (GK-CA)
- 1640 KDIA **CA**, Vallejo 9/2 2355 break from religious talk show to promo for a talk show tomorrow and man with "KDIA." Steady and dominant tonight, heard on Satellit 205. Good ID again at midnight Eastern "Vallejo-San Francisco." (RB-AZ)
- 1650 KSVE **TX**, El Paso 9/4 mixing with KBJD and KFOX. 0900 out of Spanish programming with "KSVE El Paso 1650 AM" legal ID in English returning to Spanish programming. New for me, was on 1650 to relog KFOX for the new season DX contest, and I ended up with a new logging, #655 from Mesa. (JCJ-AZ)
- 1680 KGED **CA**, Fresno 8/27 0600 promo for America's First News, "Talkradio 16-80 KGED." Good over UnID playing Spanish ballads (KNTR Seattle?). (RB-AZ)

#### UnID

- 530 UnID 9/5 0423-0546 and 9/6 0531-0553 instrumental music and UnID language. CHLO? (GK-CA)

Thank you everyone for the WDXR tips! – Nancy 9/6 1900



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

#### RIDING GAIN

- [EB-MO] **Eric Bueneman**, Hazelwood MO [NOUIHEric@gmail.com](mailto:NOUIHEric@gmail.com)  
General Electric Superadio III, CountyComm GP-5/SSB Gen 3 Ultralight receiver, Grundig AN-200 tunable loop antenna, Yaesu FRG-7, Worcester Space Magnet II

#### DOWN THE DIAL

- 820 WWBA **FL**, Largo. 9/2 good signal over WBAP. 0620 noted with Classic Country format, "WWBA" jingle. [EB-MO]
- 1430 CHKT **ON**, Toronto. 9/1 fair signal over WXNT; local KZQZ off. 0245 noted with light vocal music, brief talk in Chinese, "This is CHKT AM 14-30, Fairchild Radio, Toronto" legal ID in English at 0300. [EB-MO]
- WDIC **VA**, Clinchco. 9/2 fair to poor signal over CHKT, WXNT; local KZQZ off. 0504 noted with Classic Country format, "AM 14-30 WDIC" ID. [EB-MO]
- 1440 WHDM **TN**, McKenzie. 9/2 fair to poor signal, mixing with WGEM, WZYX. 0601 noted with "14-40 AM, 98-point-Nine FM, WHDM McKenzie, Huntingdon, Dyer...Good Time Oldies" legal ID into Oldies format. [EB-MO]
- 1570 WFRL **IL**, Freeport. 8/26 fair to poor signal through WBGZ. 2042 noted with Country format, local spots, legal ID at 2100. [EB-MO]
- 1600 WHIY **AL**, Huntsville. 9/2 fair to poor signal through KATZ. 0705 noted with R&B Oldies format, "WHIY" ID and Huntsville mentions. AM station #85 from the Heart of Dixie. [EB-MO]
- 1630 KRND **WY**, Fox Farm. 9/5 good signal over KCJJ, KKGM. 0443 noted with Regional Mexican format, "La Jota Mexicana" IDs in Spanish, multi-station legal ID in heavily accented English at 0454. [EB-MO]

#### FLASHBACK

**50 Years Ago – September 6 1969** issue of "DX Monitor" ... New members included **Glenn Hauser** ... President **Larry Godwin** detailed the annual business meeting. The subject of a merger with the NRC was once again discussed, including a target date of September 1970 ... **Mike Hardester** of Modesto CA mentioned his 8/11 DX was almost winter-like ... DXWW editor **Father Jack Pejza** said he was 35 years old. // **25 Years Ago – September 3 1994** issue of "DX Monitor" ... **Patrick Martin** of Seaside OR spent time improving his antenna and ground system. Patrick mentioned the price of copper ground rods had almost doubled recently ... **Jim Hilliker** of Monterey CA rejoined IRCA after being out of the club for a year ... **Rick Evans** of Milwaukee WI spent time looking at old AM radios in antique stores.

#### OPEN MIKE

Thanks to Eric we have a column this week. Next CDXR deadline is 9/20 and then we're weekly. Have you joined this years DX Contest? It's a great way to log new stations. I was able to add 2 new loggings so far this week just by going after a re-log for a point for the contest. This column was typed 9-6-19. 73, John





**EASTERN DX ROUNDUP** – Eric Bueneman (NØUIH) – 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 paulisnider@yahoo.ca  
 Elad FDM-S2 software-defined receiver, Pixel RF Pro-1B loop, MFJ-1020C as a tuner

**ACROSS THE DIAL**

- 620 WHEN **NY**, Syracuse – 8/18 2256 noted with Urban AC format, “You are listening to... WHEN Syracuse” legal ID at 2302 into another music set. A fair to poor signal was noted; dominating the frequency instead of the usual WRJZ or WTMJ. First time noted in London. (PS-ON)  
 630 WJAW **WV**, Saint Marys – 8/25 0010 noted with ESPN sports talk, ad for River View Industrial Supply in Marietta, OH, mentions of ESPN. As they identify as “The Mid-Ohio Valley’s ESPN Radio”, I’ll assume I heard them (You did – eb) and not WMFD or WEJL. An occasionally fair to poor signal over CFCO. (PS-ON)  
 710 WDSM **WI**, Superior – 8/21 2317 noted with *The Savage Nation*, financial news, promo for “The Fox Nation”, ad for the Great Dane Pub in Madison WI, promo for WDSM on Alexa, “WDSM 710, The Talk of the North” ID into weather forecast. A fair to very poor signal was noted, mostly under WOR. (PS-ON) (“The Fox Nation” refers to followers of Fox’s conservative news and business channels – eb)  
 820 WNTW **VA**, Chester – 8/24 0558 noted with “On the all-new WNTW 820 AM” mention by a male announcer. The signal was noted mixing with CHAM, WNYC, WVSG and digital hash from WWFD. (KK-VA) (Your EWTN is WVSG; WBKK beams away from your location to protect WBAP and cross-state WCCO 830. CHAM carries an all-comedy format – eb)  
 850 WKVL **TN**, Maryville – 8/30 0516 noted with “This is WKVL” ID by a male announcer. The signal was noted mixing with WGVS, WPTK, WTAR and an unidentified Talk station; a new station in the logbook. (KK-VA) (This is a change in city of license from Knoxville – eb)  
 880 WSLK **VA**, Moneta – 8/30 0637 noted with this announcement by a male announcer: “...stop by or call 721-4333. Blackwater Café... employer. (The) WSLK podcast is one of many ways we support our... here at... on the lake, and we invite you to join us in that effort. Send your job postings to info-at-WSLK 880-dot-com.” The signal was noted mixing with WCBS, WPIP, WRFD and an unidentified station with talk in Spanish. (KK-VA)  
 900 WURD **PA**, Philadelphia – 8/27 2312 noted with call-in talk show with frequent mentions of Philadelphia, gave phone number in Area Code 215, “WURD Radio” ID at 2319 into local ads. A poor to very poor signal was noted under a somewhat nulled CHML; confirmed via Tune-In Web stream. (PS-ON)  
 930 WKBM **IL**, Sandwich – 8/29 2251 noted with a “Relevant Radio” mention by a female announcer. A very poor signal was noted in a jumble of stations including WBEN, WLLL and WRVC. (PS-ON)  
 990 WISK **GA**, Lawrenceville – 8/31 2240 noted on after sunset with Adult Contemporary format in Spanish, female announcer with clear mentions of Georgia and Atlanta in Spanish, “Alfa Radio” ID into another music set; no legal ID heard at 2300. A fair at times to very poor signal was noted, mixing with CBW; confirmed via Tune-In Web stream. (PS-ON)  
 1080 WKAT **FL**, Coral Gables – 8/26 2248 noted with Christian teaching and music in Spanish, a clear “Radio Luz Miami” ID by a female announcer at 2254. A fair at times to very poor signal was noted, mixing with WOKT and WTIC. (PS-ON)  
 1160 WODY **VA**, Fieldale – 8/26 2314 noted with Christian talk, mention of “Joy FM” by a female announcer into a Contemporary Christian music set. A fair to poor signal was noted, mixing with WCCS; probably on day power. First time noted in London. (PS-ON)  
 1240 WJEJ **MD**, Hagerstown – 9/1 0023 noted with Adult Standards format, featuring music by Bobby Darin and Nat “King” Cole, local ads, “Classic Radio, 1240 WJEJ Hagerstown” legal ID. A poor to very poor signal was noted; confirmed via Tune-In Web stream. First time heard in London. (PS-ON)  
 1440 WHIS **WV**, Bluefield – 9/4 2306 noted with national ads, “News/Talk WHIS” ID at 2308 into The Brian Kilmeade Show. A poor to very poor signal was noted, mixing with an unknown Fox station I have been trying to ID for two nights. (PS-ON) (If it’s Fox Sports Radio, it’s likely WGVL Greenville SC; one possibility if it’s Fox News Radio is WIBU Paris IL – eb)  
 1450 WPGG **NJ**, Atlantic City – 9/4 2334 rising through the station mix briefly with local ads, “WPG Talk Radio 95.5... Jersey’s...” mention. A poor signal was noted for a few seconds before fading out; first time noted in London. (PS-ON) (95.5 refers to W238CZ Atlantic City NY – eb)  
 1460 WBUC **WV**, Buckhannon – 9/4 2346 noted with Country format, “The River 93.1” ID at 2353. A good to very poor signal was noted, dominating the frequency; apparently on day power again. First time heard in London. (PS-ON)  
 1550 WMRE **WV**, Charles Town – 8/22 2256 noted with an interview, “WMRE Charles Town” legal ID at 2258, sports talk, promo for iHeart Radio. A fair to very poor signal was noted; must be on day power to come in this well and cover usual CBEF. First time noted in London. (PS-ON)

**EDITOR’S NOTES**

Thanks to Kraig and Paul for their logs in this issue. The new DX season is just on our doorstep; are you ready to DX? 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

**New Deadline** – Monday 0000 UTC.

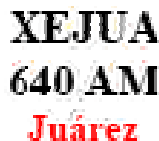
**\*\*\* TRANS-ATLANTIC DX \*\*\***

- 549 **ALGERIA** Jil FM, Les Trembles. JUL 5 0301 – Jil FM jingle, flute music. [MC-MA]  
 693 **UNITED KINGDOM** BBC Radio 5, Droitwich et al. AUG 27 0300 – //909 with intro music, BBC 5 Live news; fair, bit of echo. [MC-MA]  
 747 **CANARY ISLANDS/SPAIN** RNE5 synchros. AUG 31 0000 – 5+1 pips, fanfare music, news intro with ID “Radio Nacional de Espana, servicios informativos”; fair. {A} [MC-MA]  
 855 **SPAIN** RNE1, Murcia et al. AUG 27 0300 – Pips, RNE news intro; poor. [MC-MA]  
 882 **UNITED KINGDOM** BBC Radio Wales, Washford et al. AUG 27 0300 – BBC news; in WCBS slop. [MC-MA]  
 909 **UNITED KINGDOM** BBC Radio 5 synchros. AUG 27 0300 – Dramatic intro music, 5 Live news; through slop. [MC-MA]  
 999 **SPAIN** COPE, Madrid. JUL 5 0101 – Man and woman with news in Spanish; to fair peak. [MC-MA]  
 1044 **SPAIN** SER, San Sebastian/Valladolid. AUG 27 0300 – Electronic music, pips, Spanish talk; fair. [MC-MA]  
 1053 **UNITED KINGDOM** TalkSport synchros. JUL 5 0300 – TalkSport chatter; briefly over tough slop. [MC-MA]  
 1089 **UNITED KINGDOM** TalkSport synchros. JUL 5 0300 – Man “It’s four o’clock”, emphasis music, talk //1053; fair on LSB. +AUG 17 0101 – Talk about unrest in Hong Kong; fair. [MC-MA]  
 1125 **SPAIN** RNE5 synchros. AUG 17 0100 – Pps, RNE intro; poor. [MC-MA]  
 1179 **CANARY ISLANDS/SPAIN** SER synchros. AUG 31 0400 – Attention music, 5+1 pips, man in Spanish; fair over slop. {A} [MC-MA]  
**ROMANIA** SRR Radio România Actualitati, Galbeni/Bacau. AUG 17 0100 – Man “Aici Bucuresti, Radio Romania Actualitati, hora exacta”, 6 pips; fair. {A} [MC-MA]  
 1215 **UNITED KINGDOM** Absolute Radio synchros. JUL 5 0300 – 4 Non Blondes “What’s Going On”; fair. +AUG 17 0059 – Absolute Radio ID, U2 and BB King “When Love Comes to Town”; to good peak. +AUG 17 0300 – Man “Absolute Radio, the real music masters” into “Four O’Clock Rock” segment starting with Fleetwood Mac “Don’t Stop”; good. {A} [MC-MA]  
 1278t **IRAN** IRIB Radio Kermanshah, Kermanshah/Bakhtaran. AUG 17 0100 – Chanting; poor. [MC-MA]  
 1296 **SPAIN** COPE Valencia, Valencia/Castellar. AUG 31 0400 – 5+1 pips, Canarias mention, fanfare music, “la ultima hora en la manana” mention, news in Spanish; to good peak. {A} [MC-MA]  
 1305 **SPAIN** RNE5 synchros. AUG 31 0400 – 5+1 pips, fanfare music, news intro with Radio Nacional de Espana ID; poor to fair. {A} [MC-MA]

- 1530 **SAO TOME E PRINCIPE** VoA, Pinheira. JUL 5 0259 – Yankee Doodle march; under WCKY.  
 +JUL 11 0259 – Voice of America sign-on announcement; mixing with WCKY. {A}  
 +AUG 31 0300 – Man "This is the Voice of America, Washington DC signing on" then Yankee Doodle band music; fair, alone on channel. {A} [MC-MA]
- 1575 **ITALY** RAI Radio 1, Genova/Portofino. AUG 31 0400 – Pips, fanfare music, Italian talk; to fair peak over slop. {A} [MC-MA]
- \*\*\* PAN-AMERICAN DX \*\*\*
- 550 **VENEZUELA** YVKE, Mundial, Caracas. AUG 17 0400 – Venezuela mention in talk by man, Venezuelan national anthem; good, over others. {A} [MC-MA]
- 560 **CUBA** Radio Rebelde, Ciego de Ávila. AUG 4 0101 – Rebelde mention in fast Spanish talk by man; over WQAM/WFIL with WGAN in antenna null. {A} [MC-MA]
- 580 **PUERTO RICO** WKAQ, San Juan. JUL 27 0400 – WKAQ cinco ochenta AM San Juan ID, list of affiliates; very good. {A} [MC-MA]
- 590t **ARGENTINA** LS4, Radio Continental, Buenos Aires. AUG 17 0500 – 5+1 pips; in jumble. [MC-MA]
- CUBA** Radio Musical Nacional, Santa Clara. JUL 27 0400 – Man "desde la Habana, Cuba" followed by harp interval music, "Radio Musical Nacional" ID; dominant. {A} [MC-MA]  
 +AUG 4 0400 – Cuban anthem, harp interval music, ID "Radio Musical Nacional"; good. Pips from Argentina under. {A} [MC-MA]  
 +SEP 4 0230 – Opera music, Spanish talk, classical music. Fair and on top occasionally to very poor with CJCL and probably WROW. //to **cmbfradio.cu** stream. [PS-ON]
- 590 **DOMINICAN REPUBLIC** Radio Santa María, Concepción de La Vega. AUG 17 0501 – Male preacher in Spanish; over others with WEZE off air. [MC-MA]
- 610 **CUBA** Radio Rebelde synchronos. AUG 17 0201 – //600, 620 with Rebelde 9-note attention signal. [MC-MA]
- 620 **CUBA** Radio Rebelde, Colon. AUG 17 0201 – //600, 610 with Rebelde 9-note attention signal. [MC-MA]
- MÉXICO** XENK, México, DF. JUL 27 0400 – Radio Seis Veinte ID in other talk, then Percy Faith "Theme from A Summer Place." Per Mauno Ritola, "Announcing the address: Durango 341, Colonia Roma, Capital Federal, which belongs to XENK R. 6-20, México." Thanks to Chuck Hutton, Mauno Ritola, Jari Savolainen, and Neil Kazaross (RealDX forum) for ID help. {A} [MC-MA]
- 630 **PUERTO RICO** WUNO, Radio Uno, San Juan. JUL 27 0400 – List of NotiUno Seis Treinta affiliates; mostly over WPRO and Progreso Cuban. {A} [MC-MA]
- 640 **CUBA** Radio Progreso, La Habana-Guanabacoa/Jobabo (Las Tunas). JUL 27 0400 – Man with "Radio Progreso, cadena nacional" mention, theme vocal, Cuban anthem; loud. {A} [MC-MA]
- 650 **CUBA** Radio Progreso, Ciego de Ávila. AUG 17 0500 – Progreso theme vocal and "Progreso... onda de la alegría, transmitiendo desde la Habana, Cuba"; over Colombia, others. {A} [MC-MA]
- 660 **CUBA** Radio Progreso, Jovellanos. AUG 17 0400 – Progreso theme vocal, Cuban anthem; under WFAN. {A} [MC-MA]
- 690 **COLOMBIA** HJCZ, W Radio, Bogotá. AUG 17 0200 – //700 with Spanish talk, pips, brassy fanfare music; mixed with CKGM. [MC-MA]
- 700 **BRAZIL** ZYK686, Nossa Radio, São Paulo. JUL 20 0100 – Man with Portuguese religious talk, slight reverb; fair to good. Pips from co-channel Argentina under. {A} [MC-MA]
- COLOMBIA** HJCX, W Radio, Cali. AUG 17 0200 – //690 with Spanish talk, pips, brassy fanfare music; mixed with WLW. [MC-MA]
- ECUADOR** HCRS2, Radio Sucre, Guayaquil. JUL 20 0500 – Radio Sucre ID; atop jumble of others. {A} [MC-MA]
- MÉXICO** XEGD, Hidlago del Parral, Chih. SEP 6 1205 – "La Poderosa de Parral, 90.3", i.e. XEGD, where 5/1 kW can be hyped as "powerful". [GH-OK]
- 730 **COLOMBIA** HJCU, Cadena Melodia, Bogotá. JUL 21 0100 – Xylophone interval music, "Aqui Bogota... capital de Colombia... transmite Melodia Estereo"; fair, dominant. {A}  
 +JUL 28 0900 – Xylophone, "de Colombia" and "Melodia" mentions; over jumble. {A} [MC-MA]
- 760 **COLOMBIA** HJAJ, RCN Radio, Barranquilla. JUL 20 0100 – RCN Radio ID's, pips; good. {A} [MC-MA]
- 800 **ONAIRE** PJB, TransWorld Radio, Kralendijk, JUN 27 0100 – Woman in Spanish with Radio Transmundial and Bonaire mentions, then talk by man; loud. {A}  
 +JUL 25 0100 – Woman "800 AM transmitiendo desde Bonaire, en el caribe holandés"; huge, way over domestics. {A} [MC-MA]
- 810 **COLOMBIA** HJCY, Bogotá. JUL 21 0100 – Colombia mention and Caracol net ID in fast talk by man; way over WGY. {A} [MC-MA]
- 840 **CUBA** CMHW, Santa Clara. SEP 1 0343 – Spanish language music with number by female with strong vocals with male back up. No ID heard, but definitely //to **cmhw.cu** stream. Very poor under WHAS with another Spanish language station rising up occasionally. [PS-ON]
- 840 **HAITI** Radio-Télé 4VEH, Cap Haitien-Petite Anse. JUL 20 0100 – "Dashing through the Snow" 5-note electronic interval signal, man in French with 4VEH ID; over Cuba, WHAS, others. {A} [MC-MA]
- 860 **CUBA** Radio Reloj synchronos. AUG 17 0400 – Reloj with times in important cities around the world, doorbells between list items; mixed with CJBC. [MC-MA]
- 870 **ARGENTINA** LRA1, Radio Nacional, Buenos Aires/General Pacheco. AUG 17 0200 – 5+1 pips; mixed with Cuba.  
 +AUG 17 0400 – Pips and Argentina mention; over Reloj Cuban. {A} [MC-MA]
- CUBA** Radio Reloj synchronos. JUL 27 0400 – Clock ticks every second, Radio Reloj ID by man, "RR" beeps at minute-top; good. {A} [MC-MA]
- 900 **CUBA** Radio Progreso, San Germán-Urbano Noris. JUL 27 0400 – Progreso theme vocal, ID "Radio Progreso, cadena nacional"; good. {A} [MC-MA]
- 1000 **COLOMBIA** HJAJ, RCN La Radio, Cartagena. JUL 5 0059 – RCN La Radio ID; on USB to dodge 999 Spain. [MC-MA]
- 1030 **ARGENTINA** LS10, Radio del Plata, Buenos Aires/San Martín. JUL 21 0348 – Depeche Mode "Everything Counts"; under WBZ. Station webstream audio inserted after 18 sec. on audio clip for comparison. {A}  
 +AUG 17 0341 – Blondie "One Way or Another"; nearly equal to WBZ. Webstream audio inserted 22-43 sec. on audio clip for comparison. {A}  
 +AUG 17 0502 – Janis Joplin/Big Brother and the Holding Company "Down on Me"; slightly under WBZ. Webstream audio inserted after 20 sec. on audio clip for comparison. {A} [MC-MA]
- 1060 **CUBA** CMGW, Radio 26, Jovellanos. JUL 27 0400 – Electronic sounder, Cuban national anthem; slugging it out with KYW. {A} [MC-MA]
- 1100 **COLOMBIA** HJAT, Caracol Radio, Barranquilla, JUN 29 0200 – Hora Caracol and Caracol de Colombia mentions; good, way over WTAM. {A} [MC-MA]
- 1110 **CUBA** Radio Angulo, Holguín, JUN 29 0200 – Spacey signature music, Radio Angulo ID by man, 6-note chimes; slightly under WBT. {A} [MC-MA]
- 1180 **CUBA** Radio Rebelde synchronos. JUL 25 0100 – 9-note attention signal, Spanish talk; huge, local-like. {A} [MC-MA]
- 1460 **MÉXICO** KEYC, Ciudad Juárez, Chih. SEP 6 0500 – with slow reading of "KEYC" ID and "Radio Fórmula Juárez" along with other station details. Dominating 1460. First time heard since moving back to 1460. 88th Mexican station logged from Mesa. [JcJ-AZ]
- 1530 **MÉXICO** XEUR, Mexico City, DF. AUG 30 0420 – Not hearing WCKY on tonight. "Beat It" Michael Jackson, a version of "Don't Let Me Be Misunderstood", "Who Can It Be Now" Men At Work, ID @ 0431 "Extasis Digital... Mexico...." Fair at times to very poor with another unidentified Spanish language talker. //to Tune In stream. [PS-ON]

#### CONTRIBUTORS

- MC-MA **MARK CONNELLY**, WA1ION, South Yarmouth, Cape Cod MA (GC= 41.6931 N/70.1912 W) (grid FN41vq)  
 NOTE: {A} in entry indicates that audio can be accessed from link on the following page: [http://www.qsl.net/wa1ion/doc1/audio\\_2019.htm](http://www.qsl.net/wa1ion/doc1/audio_2019.htm)  
 Receiver: Elad FDM-S2  
 Antenna-1: Cardioid-pattern SuperLoop: 9m vertical by 20m horizontal (peak 75 degrees, null 255 degrees)  
 Antenna-2: Cardioid pattern Kaz Delta: 6m vertical by 14m horizontal (peak 160 degrees, null 340 degrees)
- 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.
- JcJ-AZ **JOHN C JOHNSON**, Mesa AZ  
 SDRplay RSPduo; Icom IC-R75; Wellbrook ALA1530LNP
- PS-ON **PAUL SNIDER**, London ON  
 EladFDM-S2, Pixel Pro 1B loop, MFJ-1020C as tuner
- 73 and Good DX, Brandon





**ASIA AND PACIFIC**

**AUSTRALIA:** Unique Radio 5045 and 3210 kHz, Gunnedah NSW, will be off air due to several technical issues. Faults in the antenna and also a fault in the DC power supply to the transmitter have made it necessary to go off air for a while. These will be fixed as time permits and also will let you know when coming back on air. WINB broadcasts as per usual and podcasts also continue. <https://www.uniqueradio.biz> Best regards, Tim Gaynor, Unique Radio, Gunnedah NSW, Australia". (Glenn Hauser, OK, DX LISTENING DIGEST)

The narrowcast on 1611 (1610.9) is back operating again here in Launceston Tasmania (Robin Harwood VK7RH, 31 July)

Changes to Rete Italia, Published August 22 2019. We have received a request from Italian Media Corporation's Board of Directors for the immediate publication of the following statement: "We regret to inform the Italian communities of Australia – in particular the listeners of Rete Italia – that, due to the high cost of broadcasting and technical maintenance across all of Australia, it has become necessary to reduce the number of frequencies which transmit Rete Italia."

This means that, as of Thursday, August 22, 21 frequencies will no longer transmit Rete Italia programs. These 21 frequencies are:

Victoria: Mildura 89.1 FM

New South Wales: Newcastle/Gosford 801 AM; Wollongong 1575 AM; Griffith 90.5 FM

ACT: Canberra South 1638

Queensland: Gold Coast 1620; Atherton 99.1 FM; Ingham 96.9 FM; Mackay 1611; Rockhampton 1611; Gladstone 1620; Toowoomba 1620

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South Australia: Mount Gambier 1629

Western Australia: Perth 657; Esperance 1611; Kalgoorlie 1611; Albany 1629

Northern Territory: Darwin 1611

Tasmania: Launceston 1611; Devonport 1611; Hobart 1611

The seven frequencies which will continue to transmit Rete Italia programs are:

Victoria: Melbourne 1593; Shepparton 1629; Swan Hill 87.6 FM; Wangaratta 1620

New South Wales: Sydney 1539

Queensland: Brisbane 1620; Sunshine Coast 1620

This a painful decision made by the Board of Directors, but a necessary one to safeguard the future of the company, which this year celebrates the 60th anniversary of the foundation of Il Globo and the 72nd birthday of La Fiamma. Finally, it must be remembered and acknowledged that for 25 years, Rete Italia has broadcast Italian-language programs in every state across Australia – an accomplishment that no other Italian community in the world has achieved.

(Il Globo website, via Ian Baxter to Richard Jary, ADXN)

**CHINA:** A radio channel covering the Guangdong-Hong Kong-Macao Greater Bay Area started broadcast from 7 am Sunday. The channel, airing on FM 101.2 and MW 1215, will broadcast 21 hours a day mainly in Cantonese and also include programs in the dialects of Hakka, Chaozhou and Shantou, said its operator China Media Group in a press release, adding that it will also have accounts on social media platforms. The move aims to promote comprehensive advantages of the region, enhance cooperation among the mainland, Hong Kong and Macao and help the two special administrative regions integrate their own development into the overall development of the country, said Shen Haixiong, president of China Media Group. (Xinhua News Agency, 1 Sept, via Steve Whitt, MWC e-group) (CNR7 has been using 1215 for a long time, so for DXing purposes this is apparently a change in program content – bp)

**COOK ISLANDS:** The following was posted on the Radio Cook Islands Facebook page on 7 August: "At midnight last night the 630 service was turned off permanently. This morning, contractors Raro Weld were on the site to commence work on the dismantling of the 108-meter mast, which towers above the Matavera skyline. Project Engineer Esben Torget, one of two climbers for the dismantling job said they will be dismantling it from top to bottom but before getting to the top, they have to reinforce the mast from bottom up. He says there is severe corrosion 50m up in mid-section of the tower and is rusty on the inside so the job has to be done very carefully. The team will be setting up secondary stays (wires) that will replace the stays that were made in the early 90s which he says normally need to be serviced every four years. What they're pretty much going to do is set up the secondary stays that will be anchored to new concrete anchor points and while they move up the mast, they will set up secondary stays on the different fittings around the mast in case the old stays give way. Then after setting up the secondary stays, they will dismantle the mast from the bottom by segments three meters long, 85kg heavy and they will be lowered down one by one using a small portable crane that will be attached to the immediate segment below. A base will be set up just below the mast that will have a puller system pulled out to a 20ft container about 30m away and everything will be controlled from there when it comes to lowering. Torget says they will be trying to push this as fast as they can but safety is priority. They've set a timeline of four to five weeks to complete the job, weather dependent. Equipment such as 4000m of specialized rope is also being manufactured at this moment out of various companies in New Zealand and Italy. The mast towers above the Takitumu School, who had to be relocated towards the end of June as an added precaution.

The dismantling of the AM 630 mast leaves the country without a national radio service which is critical in times of emergencies such as during cyclones, and tsunamis. It also, leaves the country without a means of disseminating information of national interest via a single, reliable, and constant source. This concern has been echoed throughout social media and the community. The Cook Islands Investment Corporation has confirmed previously that a mast will not be re-erected in the same location due to the school below and the increase in residential housing in the surrounding area. At this stage, the Government has considered some options and will be strengthening the FM network in all of the Outer Islands.

This is by far the easiest and fastest option available at this time in order to restore a national service to the country. Some preliminary costing has been obtained but full costings will be confirmed soon. In the meantime, the Pa Enea [the Outer Islands. BC] can get information via CITV which can be received in all of the islands. For radio listeners on Rarotonga, simply switch your radio to FM and tune it to the frequency 101 MHz" [One comment posted on Facebook mentions that his Japanese import car radio doesn't have coverage to 101 FM so he has lost RCI reception completely. BC] (via Bryan Clark, NZDXT)

**INDIA:** On 21 August 2019, All India Radio Engineering has put out a tender for "Miscellaneous Repairs/Renovation works of Self Radiating 200 kW MW Mast at AIR Jabalpur" [801]. Reading through the 33 pages of the pdf [http://prasarbharati.gov.in/tenders/Engineering\\_744893.pdf](http://prasarbharati.gov.in/tenders/Engineering_744893.pdf), one gets the impression that „miscellaneous" might be substituted by „extensive". Page 20 is particularly interesting because it has a detailed plan of the structure. The final day for companies interested in taking up the project to submit their offers is 13 September 2019. (Dr Hansjoerg Biener, 21 August 2019 dx\_india)

In early August, the Union Territory of Ladakh was separated from Jammu and Kashmir. This change is an old demand of local politicians, because Ladakh is a Buddhist region and does not want to be dragged into the J&K issues. Dan Goldfarb compiled the following list of AIR stations in the newly formed territory. Unfortunately, with the recent revision of the AIR website the subpages giving more detailed information on specific AIR stations have disappeared. So I added some information from my own files:

684 Kargil (1 September 2006: 200 KW MW transmitter commissioned at Kargil.)

1053 Leh (1971)

1485 Dras (1 September 2006: 1 KW MW transmitters commissioned at Dras in Kargil region.)

Khalatse (Khaltse)

Nyoma (2007: As part of J&K special package for boosting border coverage, new Stations with 1 KW MW Transmitters at Nyoma in Leh region commissioned.)

1584 Kargil

Padam (2008: As part of J&K special package for boosting border coverage, a new station with 1 KW MW Transmitter commissioned at Padam in Kargil region. With this all the 12 projects included in J&K special package Phase-1 commissioned.)

1602 Diskit (2007: As part of J&K special package for boosting border coverage, new Stations with 1 KW MW Transmitters at Diskit in Leh region commissioned.)

Tiesuru (1 September 2006: 1 KW MW transmitters commissioned at Tiesuru.) (Dan Goldfarb/Dr Hansjoerg Biener, mediumwave.info 15 August 2019)

The list of Live streaming of AIR Home Service stations increases day by day. Latest list is <http://prasarbharati.gov.in/liveradio.php> (Jose Jacob, dx\_india)

Latest statistics about All India Radio as given in the Parliament recently: <http://allindiaradio.gov.in/air/custom-includes/listFnR.pdf>

(Jose Jacob, dx\_india)

Several AIR stations have recently shut down their shortwave operations:

AIR KURSEONG ON SW 4895/7230 kHz 50 KW... THEY ARE PERMANENTLY OFF AIR ON SW

FROM 7 AUGUST 2019. (They are only on FM now 103.5 10 kW and 102.3 5 kW)

The 10 kW SW transmitter of AIR PORT BLAIR 4760/7390 kHz also decommissioned.

AIR MUMBAI 100 kW SW transmitter carrying External Services on 7340, 11935 kHz has also closed down.

The 50 kW SW transmitter of NORTH EAST SERVICE, AIR SHILLONG 4970/7315 kHz also decommissioned. (Jose Jacob, dx\_india)



**INDONESIA:** Missing RRI stations. In past years (2013, 2015, 2017) while in Timor-Leste these RRI stations were logged but not any more in 2019. It doesn't mean they're not on air but admittedly some of them may have left MW permanently. There seems to be a pattern developing of RRI's gradually abandoning AM, just as they have left a giant void on SW. It's also now difficult or impossible to find RRI frequencies by checking their online presence:

720	Ambon – all of these stations were missing	954	Kendari
765	Tual	1008	Gorontalo
774	Fak-Fak (see non-log)	1026	Serui
810	Merauke	1107	Kupang
909	Sorong	1215	Samarinda (David Foster, visiting Timor Leste, July 2019, via ADXN)

**KYRGYZSTAN:** 612 Program 1, Birinchi Radio, Bishkek operates now only between 0000-1200, 1200-1357 pause. Then TWR in different Central Asian languages takes over until 1630. All other KTRK MW-transmitters are reported closed. (WRTH update July 2019)

**NEW ZEALAND:** Regarding recent reception of MagicTalk on 1107 Broadcast Engineer John McCallum [johnmccallum@mediaworks.co.nz](mailto:johnmccallum@mediaworks.co.nz) zapped back this response: "I can confirm both that the Maketū transmitter has been upgraded and that the Hinemoa Point license is active, we transmit on 1107 from both locations." (Theo Donnelly) (The two sites are approximately 41 km apart, so the two transmitters are apparently synchronized. Maketū is located very near the coast, so it's more likely the dominant signal for us DXers in North America. bp)

RNZ's transmission team provides AM and FM radio broadcast services to our audiences across New Zealand. A team of just three: Gary Fowles and Andy Anderson in Wellington and Steve White in Taupo, they manage and maintain all our transmission sites, alongside broadcast and telecommunications company Kordia. RNZ transmit AM and FM from sites such as Henderson in Auckland, with two masts and many broadcasters, to very remote leased sites that Kordia owns such as Obelisk, serving Central Otago, which are inaccessible in winter. RNZ has 25 transmitter sites ranging in size from five to 53 hectares across NZ. We manage 93 transmitters across those and other leased sites. We also host 44 transmitters on our sites for other broadcasters, from local community stations through to large commercial networks. This last week was a milestone for RNZ as we decommissioned our Queenstown AM transmitter site at Kelvin Heights, situated on Queenstown Golf Club's course: Kelvin Heights was established in 1974 on land leased from the Queenstown Lakes District Council, relaying national and community radio stations from Dunedin. In 1985 it served 5000 people, now days that number is nearer 20,000. We also have FM coverage from other sites in this area, so it made sense to relinquish the site and increase our FM transmitter power instead.

(Extracts from RNZ's "Soundbytes" in-house newsletter via Bryan Clark NZDXT)

**TAIWAN:** RTI, Kouhu 1557 started today at 1900. Is this a special transmission or a schedule change? (Mauno Ritola, WRTH fb group 3/9-2019)

**THAILAND:** 891 Radio Thailand is off the air for some months due to installation of a new 400 kW transmitter. (WRTH update July 2019)

VOA's new Rohingya service which is transmitted on shortwave at 1130-1200, is also repeated at 1300-1330 on 1575 same day. (Pradip Kundu via WRTH Facebook page)

### **EUROPE, AFRICA, AND THE MIDDLE EAST**

**BENIN:** TWR are installing a new MW-transmitter at their site in Parakou, Benin with the target Nigeria. Frequency is not known yet. (Ydun's Medium Wave Info 21.7.2019 via Arctic)

**BOSNIA and HERZEGOVINA:** 1503 Radio Zavidovici operates between 0415-2315. It carries own programming 0800-1900 and Radio FBiH 0415-0700 and 1900-2315. Radio Free Europe 0700-0800. (WRTH update July 2019 via Arctic)

**BULGARIA:** <http://www.predavatel.com> provides a lot of information on the current situation of Bulgarian radio stations as well as many historical data. Google translate does not always give an adequate translation into German, but it seems that not all medium wave stations are covered (for example Petrich 747).

These links are recommended for some information on medium wave stations.

<http://www.predavatel.com/bg/1/sofia>

<http://www.predavatel.com/bg/2/blagoevgrad>

<http://www.predavatel.com/bg/3/plovdiv>

<http://www.predavatel.com/bg/4/stara-zagora>

<http://www.predavatel.com/bg/6/kavarna> – including information on a Megawatt project never finished, see also

[https://en.wikipedia.org/wiki/Kaliakra\\_transmitter](https://en.wikipedia.org/wiki/Kaliakra_transmitter)

<http://www.predavatel.com/bg/7/silistra> (Dr Hansjoerg Biener, mediumwave.info 4/9-2019)

**CYPRUS:** 990 Radio Farda has closed its operation on the frequency. (Mauno Ritola, ARC 3.7.2019)

**DJIBOUTI:** 1431 Radio Sawa has stopped broadcasting on this frequency. Voice of America Africa program is now heard here. At 1820 heard in English and 1830 in French. (Mauno Ritola and Bengt Ericson, ARC 22.7.2019)

**IRELAND:** RTÉ LW 252 kHz will be off air 10/09/19 to 17/10/19. RTÉNL Technical Information Service Notification: 2rn – Summerhill, Co Meath. Due to extensive engineering work on the transmission mast infrastructure at our station at Summerhill, Co Meath, the RTÉ Radio 1 LW service will be off air from 0900 on 10/09/19 to 1700 17/10/19. 2rn apologize for any inconvenience caused by this necessary infrastructural work. <https://www.rte.ie/aertel/desktopxhtml/169-13.html> (Mike Terry via WOR io group 29/8-2019)

**JORDAN:** 855 The Main Program is now broadcast on this frequency. 1035 has been closed. (WRTH update July 2019)

**MOLDOVA:** Radio Moldova (873, 1494, FM, <https://www.trm.md/ro/radio-moldova>) usually broadcasts in Romanian. A number of minority programs are broadcast according to the following schedule researched from their website.

Local time (currently: UTC + 3): 0900-0910: News in Russian

1100-1110: News in Russian. Saturday-Sunday until 1105

1400-1410: News in Russian. Saturday-Sunday until 1405

1800-1810: News in Russian

2015-2055: Monday-Friday minority programs

Monday Gagauz (<https://www.trm.md/ro/unda-bugeacului-bucaan-dalgasinda>)

Tuesday Romani (<https://www.trm.md/ro/romano-glasos>). 2035 Russian (<https://www.trm.md/ro/spatiul-culturii>)

Wednesday Belarusian (<https://www.trm.md/ro/izvorul-belorus>). 2035 Russian (<https://www.trm.md/ro/casa-ruseasca>)

Thursday Ukrainian (<https://www.trm.md/ro/renastere>)

Friday Bulgarian (<https://www.trm.md/ro/radiomegdan>)

2100-2115: Monday-Friday Panorama of the day in Russian (<https://www.trm.md/ro/panorama-zilei>)

There are also programs produced by Radio Europa Libera, some of which are also in Russian:

Monday Dialogue Programs for Transnistria

2115-2145: Russian, 2230-2300: Romanian

Saturday at the end of the week (<https://www.trm.md/ro/la-sfarsit-de-saptamana-cu-europa-libera>)

2025-2055: Romanian, 2335-0000: Russian

Sunday round table (<https://www.trm.md/ro/punct-si-de-la-capat>)

2025-2055: Romanian. (Dr Hansjoerg Biener mediumwave.info 27/7-2019)

**NETHERLANDS:** The Dutch telecom agency has today opened the possibility to submit applications for low power licences (up to 100 watts) for ten additional medium wave frequencies. These are frequencies for which the Netherlands does not have rights. This means that they can only be used on a 'non-interference' basis. The ten new frequencies are: 801, 819, 846, 900, 918, 1098, 1134, 1179, 1287 and 1467. These ten frequencies add to the thirteen frequencies that are already available for low power broadcasting: 675, 747, 828, 891, 1008, 1035, 1224, 1251, 1332, 1395, 1485, 1584 and 1602.

(Marcel Rommerts, mediumwave.info 4/9-2019)

**NORWAY:** The new transmitter of Radio Northern Star has now entered its second test period on 1611 and we think you will find it has a better sound and is louder than before. The tests might be interrupted from time to time but have mostly been on 24 hours a day. Reports to: [1000@northernstar.no](mailto:1000@northernstar.no) and [report@bergenkringkaster.no](mailto:report@bergenkringkaster.no) (Svenn Martinsen in WRTH fb group 20/8-2019)

**ROMANIA:** Radio Timisoara (<http://www.radiotimisoara.ro>) provides four different programme streams for its region, although they at times share programming:  
FM 105.9 MHz: Timisoara  
FM 102.9 MHz: Arad/103, 6 MHz: Faget and Valea Muresului  
FM 101.5 MHz: Petrosani  
AM 630

According to <http://www.radiotimisoara.ro/program> the medium wave frequency has the following opt outs from the main Timisoara FM stream:  
Local time (currently: UTC+3)

Monday-Friday

\*0800-1000: Din suflet, pentru tine! (music and greetings, repeated at 2200)

\*1300-1600: Minority programs in German, 1400 h Hungarian, 1500 h Serbian,

1900-2400: Programs in Romanian

Saturday

\*0800-1000: as Monday-Friday

\*1300-1600: as Monday-Friday

1900-2400: Programs in Romanian (of note: 1905-2000 Uniti sub tricolor/Unite under the flag which also connects listeners and Romanian troops serving in UN/NATO missions abroad and 2005-2030 Convietuiri/Coexistence, a magazine in Romanian produced by journalists from the minority services)

Sunday

\*1200-1300: Sunday noon

\*1300-1600: as Monday-Friday

\*1600-2100: Minority programs in Czech, 1700 Slovak, 1800 Ukrainian, 1900 Bulgarian, 2000 Romani

Programs marked by an asterisk are exclusively on AM at the time. A daily program schedule can be reached via <http://www.radiotimisoara.ro/program-am>. (Dr Hansjoerg Biener, [mediumwave.info](mailto:mediumwave.info) 29/7-2019)

**SPAIN:** The Spanish National Radio changes its contents from this coming Monday (2nd September) to August 2020. The Radio 5 (RNE-R5 Tondonicias) network offers more local and regional windows on Medium Wave Band, as following:

Monday to Friday:

0725-0730 R5TN LOCAL

0745-0800 R1//R5TN REG

0915-0930 R5TN LOCAL

1004-1006 R1//R5TN REG

1104-1106 R1//R5TN REG

1204-1206 R1//R5TN REG

1310-1400 R1//R5TN REG

2020-2030 R1//R5TN REG

Saturday/Sunday:

0905-0915 R5TN REG

1330-1400 R1//R5TN REG

R1//Transmissions with Radio 1 Network. All times CEST (EA Time) NOT UTC!!! Local windows will be filled out with local news from the province concerned.

(Jorge Garon Gutierrez, [mwc](mailto:mwc) 30/8)

**UNITED ARAB EMIRATES:** Using the Qatar KiwiSDR <http://midskiwi.ddns.net:8073/>, Pravasi Bharathi Broadcasting Co was confirmed active on 1539 (ex 810). The AM signal was well ahead of the web stream at [http://pravasibharathi.com/Radio\\_Live.php](http://pravasibharathi.com/Radio_Live.php). The web site still promotes 810 as the station's frequency. On 810 the SBC Qur'an program was heard, at the time in parallel to short wave 15205. (Dr Hansjoerg Biener, [mediumwave.info](mailto:mediumwave.info) 17/8-2019)

**UNITED KINGDOM:** Aside from the topic, this extract from the Issue 385 of Ofcom's Broadcast and On Demand Bulletin 27 August 2019, will provide some insight how a regulatory body processes on complaints:

The Music Marathon is a music programme on Gold which is broadcast on AM radio in Manchester [1458], London [1548], Derby [945] and Nottingham [999] and nationally on DAB. [...] Ofcom received a complaint about offensive language ("yellow Chinkies") in the music track Melting Pot by Blue Mink. No introduction to the track was broadcast, or any other content discussing it. [...]

Under the Communications Act 2003, Section Two of the Code requires that generally accepted standards are applied to provide adequate protection for members of the public from the inclusion of offensive and harmful material in programs. Ofcom takes account of the audience's and the broadcaster's right to freedom of expression, as set out in Article 10 of the European Convention on Human Rights, when considering a broadcaster's compliance with Section Two of the Code. [...]

We first considered whether references in the track to "yellow Chinkies", "Red Indian boy", "curly Latin kinkies" and "coffee-coloured people" had the potential to cause offence. Ofcom's research on offensive language makes clear that the word "chinky" is considered by audiences to be among the most offensive language and highly unacceptable without strong contextualisation. [...] Ofcom's research does not provide direct evidence for the offensiveness of the terms "Red Indian boy", "curly Latin kinkies" and "coffee-coloured people". However, Ofcom considered that "Red Indian" is generally understood to be a pejorative term in modern speech and is frequently replaced with 'Native American'. [...] In our view, the potential offence caused by these lyrics may have been heightened by the cumulative effect of the repeated use of this language during the verse and chorus [...].

Ofcom then considered whether this potential offence was justified by the context. Our guidance on offensive language on radio states that: "In reaching any decision about compliance with the Code, Ofcom will take into account the likely audience expectations of a particular radio station at the time of broadcast". It also states that words considered offensive on the grounds of race and ethnicity should "normally be broadcast only in limited circumstances and in context, for example in news, drama, or documentary programs to explore or expose prejudice".

We took into account the Licensee's argument that the nature of the radio station (well known for playing music from the 1960s and 70s) meant that the track would have been unlikely to cause offence to its audience. We considered the demographic of the station as per its Licence, which makes clear that it primarily targets 35-54 year-olds. We acknowledged that some listeners to a radio station known for playing 1960s and 70s music may have been less likely to be offended by the use of such language, given established expectations for lyrics associated with this era. We considered that the nature of the station did therefore provide some context to justify the broadcast of the track. However, Ofcom's offensive language research, which was conducted with people of all age groups, shows that the use of derogatory language to describe ethnic groups carries a widespread potential for offence. Therefore, in Ofcom's view, the likely audience expectations did not sufficiently mitigate the potential for offence in this case. [...]

Ofcom also considered Global's argument that any offence was mitigated in this case by the positive intention of the song, which was a message of racial harmony. [...] We did not agree that this provided sufficient context to mitigate the potential for offence. The title Melting Pot, which may have provided an indication of the track's overall message, was not broadcast, nor was the song introduced with any contextual information that would have highlighted its overall message to listeners. [...]

For all of the reasons above, Ofcom's Decision is that this potentially offensive material was not justified by the context. However, we took into account the steps taken by the Licensee following notification of the complaint from Ofcom. We acknowledged that it said it had removed the track permanently from Gold's playlist. Our Decision therefore, is that this case is resolved.

(Issue 385 of Ofcom's Broadcast and On Demand Bulletin 27 August 2019, pages 15-18 via Dr Hansjoerg Biener, [mediumwave.info](mailto:mediumwave.info) 27/8-2019)

Gunthorpe 1332 and King's Heath 1557 which currently carry the services Smooth Radio Peterborough and Smooth Radio Northampton respectively are to change to carry Gold Peterborough and Gold Northampton respectively on an as yet unannounced date.

Northampton: [https://www.ofcom.org.uk/\\_resources/documents/manage-your-licence/analogue-radio/format-changes/2019/smooth-radio-northampton-format-change-request.pdf](https://www.ofcom.org.uk/_resources/documents/manage-your-licence/analogue-radio/format-changes/2019/smooth-radio-northampton-format-change-request.pdf)

Peterborough: [https://www.ofcom.org.uk/\\_resources/documents/manage-your-licence/analogue-radio/format-changes/2019/smooth-radio-peterborough-format-change-request.pdf](https://www.ofcom.org.uk/_resources/documents/manage-your-licence/analogue-radio/format-changes/2019/smooth-radio-peterborough-format-change-request.pdf) (James Robinson, [mediumwave.info](mailto:mediumwave.info) 25/7-2019)

Panjab Radio is launching across London on 558 this Thursday August 1st, swapping its 1584 North London frequency with Love Sport. Permission was granted by Ofcom earlier this year for the change, and will see Panjab increase coverage to the same levels as rivals Sunrise Radio and Lyca. Panjab Radio currently broadcasts on national DAB, digital television, online and on 1584 in North London.

Surjit Singh Ghuman MBE, Managing Director of Panjab Radio, told Radio Today: "It gives me great pleasure to confirm that we will begin broadcasting throughout Greater London on our new frequency on 1st August 2019 at midday.

"This is a new chapter in the life of Panjab Radio and I would like to thank both our listeners and customers who have supported Panjab Radio every step of the way and of course my hard working committed team." Love Sport will move to 1584 on the same day. (mwc)



## WESTERN HEMISPHERE

**ARGENTINA:** LT40 Radio la Voz de la Paz (AM 1550), which broadcasts from La Paz, province of Entre Rios, will cease transmissions on 30 August as confirmed by licensee Juan Carlos Marzoiini, in a meeting with employees, and in which it was announced that a new bidding will be called. LT40 is the first modulated amplitude radio of the North Ramirez. It was awarded through decree no 5500 of the year 1971 to operate in 1550 with Category VII. The station officially began its broadcasts on March 8 1973, under the direction of Mr Juan Carlos Malvasio, and constituting the third station of the province next to LT-14 Radio General Urquiza (1260) of Paraná and LT-11 General Radio Francisco Ramirez (1560) of conception of the Uruguay. The Central Studios and administration were located on the street Roque Sáenz Peña 1082 of the city of La Paz, province of Entre Ríos. Then, under the direction of Mr Juan Carlos Marzoiini, also opened his FM channel called "FM LA PAZ" on 91.3 MHz. Contact details at the moment include Emails: [info@lt40.com.ar](mailto:info@lt40.com.ar) and [radiolavozdelapaz@yahoo.com.ar](mailto:radiolavozdelapaz@yahoo.com.ar), website: [www.lt40.com.ar](http://www.lt40.com.ar). The decision not to continue operating the station means an uncertain future for station staff who will be unemployed as they wait for a new licensee to take over the operation. (Argentina en AM y FM Facebook Page via NZDXT)

**COLOMBIA:** A Kiwi SDR is now available in Bogota at <http://186.80.201.188:8073/> and in a recent AM bandscan I noted the following variations to the 2019 WRTH station listings:

540	Radio Autentica	1340	"Amor Bogotá 13-40 AM" ident at 2359, also references to "RCN"
850	Candela	1370	"Radio Mundial 13-70 AM" – no reference to "Autentica" heard.
1010	Radio Universal and 'iglesia universal'	1400	Emisoras Mariana? Presumed as signal too weak to identify.
1100	"BBN" identification heard regularly.	1430	VACANT – Uniminuto Radio missing – no signal on frequency at 0005.
1130	"Esta es Vida"	1490	VACANT – no Emisora Punto Cinco on frequency at 0005.
1250	Identifying as "Radio Capital"	1550	G12 Radio phonetically announces as "Hay-Dossay Radio"
1280	VACANT – Aviva2 missing from frequency	1580	Running parallel to 850 at 0008 w/"8-50 AM Candela" ID.
1310	Unusually, heavy metal rock music on "Radio 3:16, 24 horas"		(Bryan Clark, NZDXT)

**FALKLAND ISLANDS:** 560 (Guyana) and 530 (Falklands) are both alive and well and on frequency as heard during our cruise in February/March this year. Guyana was heard while we were docked at St Thomas USVI. I had been there several times before but never noted it. I just don't think I spent a lot of time on 560 since it was always Cuba and WQAM on the way down. The three cuts were recorded between 6-6:30pm local time on 2/5. You will hear NCN (National Communications Network) from time to time. The level obviously improved as we edged our way southward. The Falklands' 530 was first noted about 200-250 miles NW on 2/24. This ID, and that's about all there is here, was recorded while we were docked 2/25 a little after 5pm local time and seemed to lead in to a program of country music. We got around the island fairly well but I never did see a tower. This obviously is not DX, but as someone else has already pointed out, it is unlikely I will ever hear it again so why not record it?

GUYANA – 3 CUTS

<https://www.dropbox.com/s/yde7lgzblmdt6a8/DXS%200205%201814%20560%20RGuy.mp3?dl=0>

<https://www.dropbox.com/s/3knnzxk70ompp9m/DXS%200205%201825%20560%20RGuy2.mp3?dl=0>

<https://www.dropbox.com/s/lomeskupixgz0nw/DXS%200205%201836%20560%20RGuy3.mp3?dl=0>

FALKLANDS

<https://www.dropbox.com/s/9s1dut4l3xfhsn/DXS%200225%201705%20530%20Falk.mp3?dl=0> (Pete Taylor, IRCA groups.io list)

**GRENADE:** 1400 Harbour Light of the Windwards, Carriacou, now 10 kW? Mauno Ritola: I asked them about the current power and they replied: "We are still at 5 kW. The "like-new" but used transmitter (XR12) is capable of 10 kW but we have not decided to increase power yet – we think our power bill would double so we want to make sure it will be worth it. We do plan to do some testing at 10 kW sometime soon to see if it makes a difference with our listeners and to test the cost aspect". This "new" transmitter is really modulating well and has much clearer audio. That may account for the improved sound along with the possibility of good conditions. (Mauno Ritola, DXLD)

GUYANA: See Falklands

**MÉXICO:** XEJMN La Voz de los Cuatro Pueblos 750 Interesting document about the station:

<https://www.youtube.com/watch?v=1ZV6JPY6lec&feature=youtu.be> (Mauno Ritola, NORDX via Thomas Nilsson)

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, 850 XEZI-MICH, 860 XEAL-COL, 920 XEQC-SIN, 50 XEACA-GUER, 950 XEZE-NAY, 960 XETAP-CHIA, 960 XEROO-QROO, 970 XEVT-TAB, 1010 XEWS-SIN, 1020 XEPIC-NAY, 1050 XEZUM-GUER, 1070 XEGY-PUEB, 1140 XEXF-GJTO, 1170 XEUVA-AGUA, 1170 XEIB-SON, 1190 XEPP-VER, 1270 XERRT-TAMA, 1300 XEKW-MICH, 1330 XEMAC-COL, 1330 XEEV-PUEB, 1340 XEOS-SON, 1400 XEKJ-GUER, 1400 XEI-MICH, 1430 XELL-VER, 1520 XEVO-VER, 1590 XEBZ-CHIH

The following 3 stations have been confirmed in July 2019 that their AM stations are still active: 640 XETAM-TAMA, 920 XEZAR-PUEB, and 1000 XEMYL-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. (Tim Hall)

**VENEZUELA:** José Elías reports from Venezuela: "It has been quite a while since I last made an appearance on Cadena DX but I am now back with far from good news about the AM radio situation in the State of Anzoátegui.

Radio Centro 610 in Cantaura was the only remaining AM station in the state but it has now been silent for quite some time. This means that at this point in time there are no active AM stations in the State of Anzoátegui – they have all closed.

In the State of Sucre it appears that Radio Cumaná 680 in the city of Cumaná has disappeared for good. It has been silent for a long time.

Ondas Porteñas 640, one of my favorite stations, remains silent despite a message that they would be reactivated shortly. Hopefully that happens but so far nothing." (José Elías via Santiago Gil G, Cadena DX fb 7.7.2019, translation Christer Brunström, ARC)

YVKS Radio Caracas Radio (RCR) 750 was closed by the Venezuelan government (CONATEL) on 30 April.

(Santiago San Gil G, Cadena DX Facebook Page via ARC)



**DXpeditions – Phil Bytheway – 9705 Mary NW – Seattle WA 98117-2334**

Email: [DXM.EIC@gmail.com](mailto:DXM.EIC@gmail.com)

[My final log report from the North Atlantic \(via IRCA eGroup, SW logs removed – pb\)](#)

Walter Salmaniw – [canswl@gmail.com](mailto:canswl@gmail.com)

As promised, I've attached the final report from our fantastic cruise to the North Atlantic Ocean, including Newfoundland, Labrador, Greenland, Iceland, Norway, Holland, Ireland and now disembarking in Halifax tomorrow. I was most impressed with how well the little XHData D808 performed, both on MW and on SW. LW, it was a little deaf, but passable. FM reception (and the AIR band) was also more than adequate. Our noise was not much of an issue, despite being on a large cruise ship, with just a short length of random antenna wire slung across our balcony. As always, any errors are mine alone, and I always welcome corrections/comments. I had forgotten how well SW signals propagate to Europe in abundance, compared to the paucity of signals to the west coast of North America. Also fun were the huge numbers of pirates in Europe on SW... fun! So, please do yourself a favour and pack a small portable along your next trip/holiday. My radio interests were again reinvigorated! 73, **Walt Salmaniw**

- 189 **ICELAND** Gufuskalar, 300 kW, RUV. 2236 8/5 – Fair to good signal. While sitting at the back of the ship, shivering!!! Learned my lesson. Despite layers and layers of blankets, I was still chilled to the bone. I had started too early. Subsequently, I listened later, and from my balcony, which provided some protection from the bitterly cold winds! (Zuiderdam East coast of Greenland)
- 279 **GREENLAND** 50 to 2000 watts, SI, Simiutaq. 2149 8/26 – Fair reception from 823 km NNW from our ship. Also heard on the 28th. No other NDBs were heard. Clearly, many had closed down, and were abandoned, as the one in Qaqortaq where we spent the day (was on 265). (Zuiderdam Iceland and Greenland)
- 359 **GREENLAND** 50 to <2000 watts, NA, Narsarsuaq. 2143 8/26 – Weakly heard 187 km to the NW, across the Greenland ice cap. Population of only 158. Later heard strongly on the 27th and even the 28th. (Zuiderdam Iceland and Greenland)
- 372 **GREENLAND** 50 to 2000 watts, OZN, Prins Christian Sund. 1455 8/25 – By far the strongest NDB beacon in Greenland. Heard from west of Reykjavik all the way to the west coast of Greenland at good level. We sailed past the station at the east entrance to the sound. First heard about 400 km NE of the transmitter. (Zuiderdam Iceland and Greenland)

- 377 **GREENLAND** <50 watts, DA, Kulusuk. 1455 8/25 – Another beacon heard west of Iceland, about 250 km to the SE. PilotNav lists a 40 km range. (Zuiderdam Iceland and Greenland)
- 531 **FAROE ISLANDS** Akraberg, 10 kW, Kringvarp Foroya. 2100 8/12 – Good reception from the North Atlantic, north of the Faroe Islands. This station was well heard throughout the North Atlantic from Iceland, to Norway. Punches way above its power. Good to very good at 0604 recheck. Plays a lot of music, including US Southern C&W when first picked up here. (Zuiderdam North of Faroe Islands)
- 549f **IRELAND** Spirit Radio. 2153 8/12 – At first assumed to be Jil FM, but not //531. Excellent level with music. Possibly Ireland? (Zuiderdam North of Faroe Islands)
- 558 **SPAIN** 50 or 25 kW 3 transmitters, RNE. 2109 8/12 – Very good reception. (Zuiderdam North of Faroe Islands)
- 570 **GREENLAND** Nuuk, 5 kW, KNR Kalaallit Nunaata Radioa. 2200 8/5 – Heard at good level, //to stronger 720. Nuuk is much further north, and lower power compared to 720. The latter is well heard everywhere we sailed in Greenland. Not so for the others. For some reason, I have 590 as //570 and stronger, but it's 650 which is listed as the 3rd Greenlandic. Hmm. I suspect that 590 was in fact VOXM St John's. (Zuiderdam East coast of Greenland)
- 639 **CZECH REPUBLIC** Praha, 750 kW, CRo Dvojka. 2113 8/12 – Fighting it out with RNE, both strong. (Zuiderdam North of Faroe Islands)
- 648 **UnID** 2113 8/12 – Strong station with music. Could be just about anyone! Likely RNE, though. I see Caroline listed. That would be nice, or Slovenia! (Zuiderdam North of Faroe Islands)
- 657 **ITALY** Pisa, 100 kW, RAI Radio 1. 2113 8/12 – 2 co-channels, with the Italian dominating, co-channel with someone playing music at weaker level. (Zuiderdam North of Faroe Islands)
- 684 **SPAIN** Sevilla, 200 kW, RNE. 0006 8/6 – Weak with Spanish talk, but strong at 0102 recheck. A powerhouse into the Greenland Sea. (Zuiderdam East coast of Greenland)
- 693 **UNITED KINGDOM** Droitwich, 150 kW, BBC Radio 5 Live. 2215 8/12 – Excellent reception, and again at 0602 recheck. (Zuiderdam North of Faroe Islands)
- 702 **UnID** 2215 8/12 – Arab sounding station, so good be Saudi, or Algeria, Egypt, or Iran, too! (Zuiderdam North of Faroe Islands)
- 710 **CANADA** Clarendville, 10 kW, CKVO. 0105 8/6 – Good reception with oldies music and VOXM ID. (Zuiderdam East coast of Greenland)
- 720 **GREENLAND** Simiutaq, 10 kW, KNR, Kalaallit Nunaata Radioa. 0009 8/6 – Very strong, but with transmitter problems, that lasted several days, with intermittent cutting out, making speech choppy. 720 was very well heard throughout our time in Greenland, and far, far stronger than the other 2 transmitters on 570 and 650 which were only heard locally. No wonder they're so well heard in Eastern North America. Interesting Greenlandic language. Can't be confused with anything else! (Zuiderdam East coast of Greenland)
- UNITED KINGDOM** Lisnagarvey, 10 kW, BBC Radio 4. 2115 8/12 – Weak English talk, with co-channel music. Latter likely Canary Islands? (Zuiderdam North of Faroe Islands)
- 738 **SPAIN** Barcelona, 600 kW, RNE. 2115 8/12 – Good reception with Spanish talk. (Zuiderdam North of Faroe Islands)
- 747 **CANARY ISLANDS** Las Palmas, 25 kW, RNE. 0010 8/6 – Weak music, but fair to good with Spanish talk on recheck at 0037. (Zuiderdam East coast of Greenland)
- 765 **UNITED KINGDOM** Chelmsford, 0.5 kW, BBC Essex. 2118 8/12 – Presumed logging at good level with English music. (Zuiderdam North of Faroe Islands)
- 792 **SPAIN** 5 transmitters of 10 and 25 kW, RNE Radio Nacional. 0110 8/6 – Oldies English music (Cupid), then Spanish talk at good level. (Zuiderdam East coast of Greenland)
- 810 **SCOTLAND** Westerglen or Burghead, 100 kW, BBC Radio Scotland. 2118 8/12 – Another winner in the power department. Very well heard throughout the north Atlantic as far as Greenland and Norway. Usually very strong, and at times the only other station besides 531 Faroes heard during the day. (Zuiderdam North of Faroe Islands)
- 828 **RUSSIA** Sankt-Peterburg, 10 kW, Radiogazeta Slovo. 2120 8/12 – Good level in Russian. (Zuiderdam North of Faroe Islands)
- 864 **SPAIN** Socuellamos, 5 kW, RNE. 2120 8/12 – Fair to good, //to very strong 855. Mostly I've neglected to mention the many Spanish stations heard here. Otherwise I'd be at the keyboard all day long!!! (Zuiderdam North of Faroe Islands)
- 882 **UNITED KINGDOM** Washford, 100 kW, BBC Radio Wales. 0017 8/6 – English talk, poor to fair level. BBCWS listed at this time. (Zuiderdam East coast of Greenland)
- 900 **ITALY** Milano, 50 kW, RAI Radio 1. 2120 8/12 – Strong Italian talk. (Zuiderdam North of Faroe Islands)
- 918 **UnID** 2124 8/12 – Not sure who this might be playing western pop music, 'I'll be watching you'. Fair level. ?A Nigerian? Could have been on 917, I suppose, as latter well heard in PEI at times. (Zuiderdam North of Faroe Islands)
- 945 **UnID** 2120 8/12 – An interesting channel, for sure. I'm hearing 2 co-channels. One might be in English, and the other with music. Who???
- (Zuiderdam North of Faroe Islands)
- 954 **SPAIN** Madrid, 50 kW, Onda Cero. 0112 8/6 – Fair reception in Spanish. (Zuiderdam East coast of Greenland)
- 963 **UNITED KINGDOM** 0.95 kW, North East London, Sunrise Radio. 2125 8/12 – Indian music at good level, with chop. //972 (1 kW London) at fair level. (Zuiderdam North of Faroe Islands)
- 981p **ALGERIA** Ouled Fayet, 300 or 100 kW, Chaine 2. 0021 8/6 – Some chop heard, with Arabic music and presumed Arabic speaker. Presumed logging. (Zuiderdam East coast of Greenland)
- 1044 **SPAIN** 2 sites of 10 and 50 kW, SER. 0112 8/6 – Good reception with music, and //1080. (Zuiderdam East coast of Greenland)
- 1053 **UNITED KINGDOM** Droitwich, 500 kW, TalkSPORT. 0024 8/6 – Fair level with English sporting stuff. (Zuiderdam East coast of Greenland)
- 1062 **ITALY** 3 transmitters of 6, 20 and 60 kW, RAI Radio 1. 2130 8/12 – Excellent level in Italian. (Zuiderdam North of Faroe Islands)
- 1071 **UNITED KINGDOM** 1 kW 2 sites, TalkSPORT. 2130 8/12 – Good reception //1053. (Zuiderdam North of Faroe Islands)
- 1116 **UNITED KINGDOM** 1 or 0.5 kW, BBC Radio Derby or BBC Radio Guernsey. 2130 8/12 – Not sure which I'm hearing. English at fair level under stronger Spaniard. (Zuiderdam North of Faroe Islands)
- 1125 **SPAIN** 5 sites 10 and 12 kW, RNE Radio 5. 0028 8/6 – Good reception in Spanish. This one gets out well! (Zuiderdam East coast of Greenland)
- 1134 **SPAIN** 3 sites 5 or 10 kW, COPE. 2130 8/12 – Noteworthy only because of the echos heard! //1143. (Zuiderdam North of Faroe Islands)
- 1152p **SPAIN** RNE. 2359 8/6 – 5 time pips at the TOH, presumed Spain with multiple locations. Poor to fair. (Zuiderdam East coast of Greenland)
- 1179 **SPAIN** or **CANARY ISLANDS** SER. 0030 8/6 – Either Spain SER or Canary Islands SER transmitter (50 or 10 kW, and 25 kW for Tenerife) music at 0032, and Spanish talk at 0114. Fair level. (Zuiderdam East coast of Greenland)
- 1197 **UNITED KINGDOM** multiple sites between 0.25 and 1.1 kW, Absolute Radio. 2135 8/12 – A low power outlet for Absolute at fair to good level. //excellent (of course) 1215. Still there at 05:59 recheck. //also to strong 1242 (despite low power as well). (Zuiderdam North of Faroe Islands)
- 1215 **UNITED KINGDOM** multiple sites up to 200 kW, Absolute Radio. 0032 8/6 – Surprisingly only weakly heard here in Greenland. (Zuiderdam East coast of Greenland)
- 1290 **UnID** 0035 8/6 – Poor to fair signal with Latin music. Curious to know who this might be! (Zuiderdam East coast of Greenland)
- 1296 **SPAIN** Valencia, 50 kW, COPE. 0037 8/6 – Strong signal into the east coast of Greenland! (Zuiderdam East coast of Greenland)
- 1305 **SPAIN** 4 transmitters of 10 and 25 kW, RNE Radio 5. 0037 8/6 – Spanish talk at fair level, but strong when rechecked at 0041. (Zuiderdam East coast of Greenland)
- 1323 **UNITED KINGDOM** Brighton, 0.5 kW, Smooth Radio. 2139 8/12 – Fair to good reception with multiple ads. //1332 stronger (Peterborough 0.6 kW). (Zuiderdam North of Faroe Islands)
- 1359 **UNITED KINGDOM UnID** 2137 8/12 – Weakly in English with, 'Number 1 album in 28 countries'. So, is it Smooth Radio (2 senders with 0.2 and 0.28 kW), Free Radio 80s (0.27 kW), or BBC Radio Solent (0.85 kW)? I'm unable to quickly check references, due to wind on the balcony, no power for the laptop, and it's dark! Also very poor internet connectivity at sea!!! (Zuiderdam North of Faroe Islands)
- 1368 **UNITED KINGDOM** Douglas, 20 kW, Manx Radio. 1368 8/12 – Presumed reception with music at fair to good level. (Zuiderdam North of Faroe Islands)
- 1413 **MOLDOVA** (TRANSDNISTER) Grigoriopol, 500 kW, Vesti FM. 2140 8/12 – An interesting channel for sure! I'm hearing 3 stations, at least. No one really dominates. There's a music station, then Russian talk (Vesti) and an English Speaker (several UK stations listed). SAH as well adds to the mix! (Zuiderdam North of Faroe Islands)
- 1413p **SPAIN** 3 transmitters of 10, 12, and 25 kW, RNE Radio 5. 0116 8/6 – Presumed log, with very strong English vocal. (Zuiderdam East coast of Greenland)
- 1431 **DJIBOUTI** 600 kW, Voice of America. 0049 8/6 – Weak talk in French. VoA is very widely heard throughout my North Atlantic journey, and often very strong in the late afternoon/early evening. Signals are impressive at times. (Zuiderdam East coast of Greenland)
- +2145 8/12 – I'm thinking most likely VoA, as it was widely heard in the North Atlantic both in English and in French. Weak at this time. (Zuiderdam North of Faroe Islands)
- +2103 8/22 – While cruising just south of Iceland, heading to Reykjavik, 1431 was coming in very well with VoA French, with only a weak co-channel. As mentioned, this sender really puts out well all over the North Atlantic! English was also heard at other times on this channel from the VoA. (Zuiderdam Iceland and Greenland)
- 1440 **SAUDI ARABIA** Ras al-Khaima, 1600 kW, SBC Radio Riyadh. 2145 8/12 – Arabic talk weakly heard. (Zuiderdam North of Faroe Islands)



- 1449 **UNITED KINGDOM Unid** 2145 8/12 – Interesting. I'm hearing 2 different English language stations here. I see some super low power stations listed (1 watt!), as well as BBC Asian Network (0.15kW) and BBC Radio 4 (2 kW). (Zuiderdam North of Faroe Islands)
- 1458 **Unid** 0120 8/6 – Very strong pop music. Not sure whether this was Actualitati or Lyca Radio. In any case, a strong signal. This particular night, I was a bit on the cold side sitting on the veranda! (Zuiderdam East coast of Greenland)
- 1476 **Unid** 2145 8/12 – No idea who this might be, as I only wrote, 'music at fair level'. Not much listed here on channel. (Zuiderdam North of Faroe Islands)
- 1485 **UNITED KINGDOM** 2 senders listed, BBC. 2148 8/12 – BBC ID at 2148 with presumed weaker co-channel SER. 2 different BBC services listed: BBC Radio Merseyside (Wallasey 2 kW), and BBC Radio 4 (Carlisle with 0.79 kW). (Zuiderdam North of Faroe Islands)
- 1548t **KUWAIT** Al-Kuwayt, 300/600 kW. Radio Sawa. 2148 8/12 – Tentative on this one. Arabic speaker at fair/good level. With Sawa leaving a lot of channels, are they still on this channel? (Zuiderdam North of Faroe Islands)
- 1557p **UNITED KINGDOM** 2 sites 0.76 and 0.5 kW, Smooth Radio. 2147 8/12 – Presumably them with music at fair/good level. (Zuiderdam North of Faroe Islands)
- 1575 **ITALY** Genova, 30 kW, RAI Radio 1. 2150 8/12 – 2 co-channels here, presumably the other SER. Italian talk, mostly dominating. (Zuiderdam North of Faroe Islands)
- 1611 **NORWAY** Bergen, 0.20 kW, Radio Northern Star. 1512 8/14 – I know, I know. Cheating! But, while docked in Bergen, Norway all 3 channels of Radio Northern Star were well heard. Usually but not always //1413 (with 700 watts) did carry a podcast from an American doctor (until 2100, I think), before reverting to //programming to 1611 and 5895 SW (50 watts). I'm particularly impressed with the good modulation, and lovely frequent IDs and jingles. Good going!!! (Zuiderdam Bergen Norway)

### Rockwork Cliff DXpedition – Ultralight Longwave NDB Receptions (Gary DeBock via IRCA eGroup)

Chasing extreme long range trans-Equatorial NDB's with a hot-rodded pocket radio on the side of a plunging ocean side cliff is definitely the DXing version of an "extreme sport." Success comes once in a blue moon – but when it does come, it is worth all the unsuccessful attempts!

Everything has to be nearly perfect for this type of DXing to work. Longwave conditions must be exceptional, and the high-Q booster FSL antenna must be tuned perfectly. The pocket radio receives only one frequency at a time in the AM mode, without any filters to isolate individual audio frequencies. Even with the highest DSP filter setting unwanted NDB's are received as much as 3 kHz away from the selected frequency, often making it seem like you are "running the gauntlet." The weak NDB's fade in and out several times during a session, constantly testing your patience and endurance. Only when all conditions fall into a rare, optimized state can you hope to make a weak recording of a South Pacific NDB on an Ultralight radio – just barely!

This type of Longwave DXing is always a big challenge, but fellow NDB-DXer Tom Rothlisberger and I apparently hit the mother lode of great conditions this month on the Rockwork cliff, with both of us exceeding our personal bests for South Pacific NDB's in both quantity and distance. Tom once again broke the west coast record for reception of these long range NDB's during a DXpedition (tracking down 60 NDB's from the South Pacific on his Perseus-SDR and small broadband loop, with details at <https://www.qsl.net/k7wv/RockworkDX6.htm>)

With the live DXing Ultralight + FSL antenna combo I managed 6 NDB's from the South Pacific, including my personal long distance record of 346-TG in Tauranga, New Zealand (at 6,852 miles/11,027 km). Conditions were so good on August 8th that things got kind of comical, as I was pestering Tom to suggest more South Pacific targets for my live DXing, almost forgetting that he wasn't a live DXer going from memory :-). I had the great thrill of receiving the beacons from two Cook Island airports that I had visited with my wife last year – Rarotonga and Aitutaki. Alaskan NDB reception was slightly down from previous years, although 277-AGE did make a weak appearance, and 283-DUT in Dutch Harbor was booming in, along with the usual TWEB weather blasters 251-OSE (Bethel) and 394-RWO (Kodiak). Overall it was an awesome experience, which Tom and I will remember for a long while!

- 238 **NEW ZEALAND** KT, Kaitaia, 2 kW. Fair to good strength with code ID at 1213 on 8/5  
<https://dreamcrafts.box.com/s/vjoi244n0533e0gkmhabreixyj6ed85z>
- 251 **ALASKA** OSE, Bethel. TWEB weather report and code ID at good strength at 1224 on 8/7  
<https://dreamcrafts.box.com/s/9mw1ijy1t12qlsewmmw3by0ydzdovo7vho>
- 260 **AUSTRALIA** NF, Norfolk island, 500 watts. Very good strength with code ID at 1301 8/6  
<https://dreamcrafts.box.com/s/jczfetd4yp7rvysamhhqwrhugq7fi8fb>
- 277 **ALASKA** ACE, Homer. Semi-rare Alaskan beacon made a weak code appearance at 1220 on 8/7  
<https://dreamcrafts.box.com/s/wt2g4q1rivy5lt1lndodmp4a24qy2up>
- 283 **ALASKA** DUT, Dutch Harbor. "Deadliest Catch" airport beacon with very good strength code ID at 1227 on 8/7  
<https://dreamcrafts.box.com/s/i7clsulxifwmsnksq3kvqoergmv4eu4>
- 320 **COOK ISLANDS** AI, Aitutaki. Very good strength at 1217 on 8/8, but having a pretty sick-sounding CW tone  
<https://dreamcrafts.box.com/s/9jh8xjqe7x3z83cq0dls9rfafwoa7xsp>
- 332 **HAWAII** POA, Puhoa. One of two Hawaiian mega-beacons, this was blasting in at 1207 on 8/9  
<https://dreamcrafts.box.com/s/li9x8t51zzfaqoefpbwvey2vlmec5v8>
- 346 **NEW ZEALAND** TG, Tauranga. Good strength at 1219 on 8/8; 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/ruyyzzow5do3110zs1f8i6j94v92gwub>
- 352 **COOK ISLANDS** RG, Rarotonga. Good strength in the shadow of Hawaiian mega-beacon 353-LLD at 1231 on 8/7  
<https://dreamcrafts.box.com/s/i7oage5ragfak57ugmw9dxt4tcfx28gg>
- 366 **MICRONESIA** PNI, Pohnpei. Good strength at 1213 on 8/8; first time heard on the Ultralight + FSL combo  
<https://dreamcrafts.box.com/s/0piccd1719vrn044hwqueoxgk6cv4mb>
- 385 **ALASKA** OCC, Yakutat. Juneau area TWEB weather broadcast and code ID at excellent strength at 1133 on 8/9  
<https://dreamcrafts.box.com/s/yuw38tqgh49djgfrmqd6ushdfb32s9tk>
- 394 **ALASKA** RWO, Kodiak. Kodiak Island TWEB weather broadcast and code ID at excellent strength at 1203 on 8/9  
<https://dreamcrafts.box.com/s/mshi5ug7rnxyeps9in1e5t0fnmaiwi9x>

73 and Good DX, Gary DeBock (DXing with Tom Rothlisberger and Craig Barnes at the Rockwork ocean cliff on Highway 101 near Manzanita OR, USA from August 1-9), 7.5 inch Longwave loopstick Tecsun PL-380 Ultralight + 12 inch Longwave FSL antenna. (Photo of Longwave gear at the cliff on 8/6)





**Recap Of August 2019 Rockwork TP DXpedition (Craig Barnes via IRCA eGroup – pb)**

**8/1/19 Rockwork 4**

531 More FM Central Otago	603 Radio Waatea Auckland	1017 A3Z w/possible Newstalk ZB under,
558 Radio Fiji 1 Rewa	774 JOUB Akita	Nuku'afola, Tonga/Christchurch
567 Radio New Zealand Wellington		1503 Radio Sport Wellington

**8/2/19 Rockwork 6**

531 PI Auckland	774 3LO Victoria	1017 A3Z Nuku'afola, Tonga
567 Radio New Zealand Wellington	792 4RN mixing w/possible Radio Sport Brisbane,	1503 Radio Sport Wellington
576 2RN Sydney	Aus/Hamilton NZ	
702 Magic Auckland	936 Chinese Voice Auckland	

**8/3 Rockwork 6**

531 PI Auckland	765 Radio Kahungunu Napier-Hastings	1035 Newstalk ZB Wellington
More FM Central Otago	774 JOUB mixing w/3LO Akita/Victoria	1107 Magic Talk Tauranga
558 Radio Fiji 1 Rewa	792 Radio Sport Hamilton	1503 Radio Sport Wellington
702 2BL Sydney	1017 A3Z Nuku'afola, Tonga	

**8/4/19 Rockwork 4**

531 PI Auckland	675 Radio New Zealand Christchurch	1035 Newstalk ZB Wellington
567 Radio New Zealand Wellington	765 Radio Kahungunu Napier-Hastings	1107 Magic Talk Tauranga
603 Radio Waatea Auckland	1017 A3Z Nuku'afola, Tonga	1503 Radio Sport Wellington

**8/5/19 Rockwork 4 – Aussie Morning**

531 PI mixing w/More FM Auckland/Central Otago	603 Radio Waatea Auckland	702 2BL Sydney
576 2RN Sydney	639 2HC Coff's Harbour	792 4RN Brisbane
594 3VW Horsham	675 possible 2CO (weak w/Oz intonation) Corowa	828 possible 3GI Sale

**8/6/19 (forgot to jot down which Rockwork)**

531 PI Auckland	657 Star w/nice ID Wellington	1035 Newstalk ZB Wellington
567 Radio New Zealand Wellington	702 2BL w/possible Radio Sport under	1107 Magic Talk Tauranga
594 3VW Horsham	Sydney/Ashburton	1548 4QD Emerald
603 Radio Waatea Auckland	765 Radio Kahungunu Napier-Hastings	
639 2HC Coff's Harbour	1017 A3Z Nuku'afola, Tonga	

**8/7/19 Rockwork 4**

531 PI Auckland	756 Radio New Zealand Auckland	1503 Radio Sport Wellington
567 Radio New Zealand Wellington	792 Radio Sport Hamilton	1548 4QD Emerald
594 3VW Horsham	1017 A3Z Nuku'afola, Tonga	1566 possible 3NE Wangaratta
657 Star Wellington	1107 Magic Talk Tauranga	
675 Radio New Zealand Christchurch	1296 Newstalk ZB Hamilton	

All this was received on a new and improved 5 inch "travel friendly" FSL and a supercharged CCrane Skywave Ultralight. Many thanks to Gary for these highly portable DX devices which when set up at a location 400 ft up, or so from the Pacific acquitted themselves quite nicely considering they fit into the overhead storage bins on a commercial jet. My TP DXing was aided and abetted by Gary's extensive TP DX experience. Thanks also to Tom for sharing his TP DXing insights as well as giving me a heads up regarding upper band activity, as I had been primarily focused on lower band DX. This was a very satisfying sojourn to the left coast for TP DX. Last year Chuck Hutton asked me if it was worth it, once again, YES!! I have already reserved a room for the first week of August 2020. Now, on to the IRCA Convention!

73 and Best of DX, **Craig Barnes**, DXing from Manzanita OR

**Menauhant Beach DX in East Falmouth (Roy Barstow via IRCA eGroup)**

This was on 8/31-9/1. Using the 1530 LNP Loop with G-33 SDR. The loop on a 3 foot mast and just stuck it into a sand dune and ran 15 foot of coax to the G-33.

2300 – Antenna SE

720 <b>SPAIN</b> Talk, pips, theme music into news. All alone at S 5-6.	837 <b>SPAIN</b> Pips etc. at S 6-7. Many more from Spain also coming in.
747 <b>SPAIN</b> Same level as 720 Spain.	

2330 – Antenna SE

531 <b>ALGERIA</b> Jill FM – S 5-7 and 549 Jill FM weak. Easy to pick up on the East coast. No problem with 530 before sunset.	612 <b>MOROCCO</b> Music and talk. Fair.
	621 <b>SPAIN</b> Talk at a fair level. //855.

0000 – Antenna SE

580 <b>PUERTO RICO</b> Mixing with WTAG.	760 <b>USA</b> WCHP, NY. With WJR and Brazil with man in Portuguese.
630 <b>PUERTO RICO</b> WUNO – Nice with ID, into news and local WPRO with OC for 2 minutes.	1030t <b>HAITI</b> Woman under WBZ sounded like French.
	1630 <b>USA</b> WPES – Mention of 90.9 and saying a communication station.

0200 – Antenna South

590 <b>CUBA</b> Radio Musical – Typical Cuban Latin music. On top at mid file. //to a weak 1140.
700 <b>EL SALVADOR</b> Singing ID and mixing w/WLW baseball.

0230 – Antenna South

1510 **ECUADOR** Radio Navel – Presume them with pips in the mix.

The K-Index at 4 2100-0000, 5 at 0000-0300

With the above K index it seems like Latin America at full bore and Brazil and Argentina could not be received.

**Menauhant Beach DX**

9/3-4/19 – Sunset 2313

2300 – 130 degrees

531 <b>ALGERIA</b> Fair with pop song and nil on 530.	595.906 <b>MOROCCO</b> Man talking. //612.
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2330 – 130 degrees

702 <b>ALGERIA</b> Quran – Fair.	1439.724 <b>USA</b> WKLVA VA. New log – thanks to Mark Connelly.
760 <b>USA</b> WVME – Still on day power.	

2340 – 130 degrees

750 <b>BRAZIL</b> Portuguese in the mix.	936 <b>MOROCCO</b> Talk at S 7.
760 <b>BRAZIL</b> Woman in Portuguese under WVME, MA.	1422 <b>ALGERIA</b> Good with talk.
864 <b>EGYPT</b> Fair.	1431 <b>DJIBOUTI</b> Fair with splatter.

2347 – 130 degrees

1290.3 **BRAZIL** Talk in fair.

0000 – 120 degrees

540 **DOMINICAN REPUBLIC** HICM – Good.

580 **PUERTO RICO** WKAQ. – On top.

Not a lot of DX.

Last summer was much better for stations below the equator. This summer seems like the static was never ending with the loop toward 130 degrees.

### The Calm before the Storm

The day before the hurricane would pass by was nice and calm. So this trip was to Sandy Neck Beach in Barnstable MA., about a 45 minute drive. About the only difference between this beach and Nauset beach in Orleans being I am more distant from NY City stations. So you get a better null off the back. Other than that with less travel distance I do well enough from Sandy Neck Beach. In a sense I have the best of both worlds from Cape Cod. A 45 minute drive to Sandy Neck to receive West, North, and East and a 10 minute drive to Menauhant Beach, East Falmouth to receive below the Equator. With my 12 foot stick (6x12 foot loop) and G-33 and the outboard amplifier, I am ready to go. The lightning and noise level will lower as it gets colder and prime time will be all over us. I hope many will check out the DX from where they are located and report back. I am having fun.

Ok Roy how about your DX. Yes sir coming right up.

9-5-6-2019. Sunset at 2309

2230 – 100 degrees

720 **PIRATE** Boston – Man sounded French and no ident.

1503 **EGYPT** Koran – Man with recitations at S 5 peak.

1044 **SPAIN** Talk at S 5.

Many heavy hitters in as well as some enticing carriers this eve.

2245 – 100 degrees

594 **SAUDI ARABIA** Arabic talk. Now that Morocco on around 596 makes this channel more accessible.

1152 **SPAIN** Talk show in good w/synchro echo.

702p **ALGERIA** with Mideast music.

1422 **ALGERIA** Piano and harp music to S 9 peak.

2300 – 25 degrees

Ok you can laugh now. At 25 degrees I was looking for 570 Greenland. Maybe about the same luck as picking up New Zealand from Falmouth MA. Not even 720 Greenland but at least 720 Spain was in w/pips into news.

2315 – 100 degrees

630 **UnID** under WPRO with Mideast music.

864 **SPAIN** //855 and mixing with Egypt.

711 **MOROCCO** Talk in weak w/slop.

999 **SAUDI ARABIA** Quran mixing with Spain. //792.

774 **EGYPT** Mixing with Spain.

1053 **SPAIN** Mixing with Talk Sport.

783 **SYRIA** Mixing with Spain.

1512 **SAUDI ARABIA** Quran.

792 **SAUDI ARABIA** Quran program also mixing w/Spain. //999.

1638 **PIRATE** with music. Also on other files.

819 **EGYPT** Weak with noise.

2330 – 100 degrees

981 **ALGERIA** Good with music.

1206 **UnID** Talk but weak.

Just wait about another month and these enticing carriers will give up the Holy Ghost and be resolved.

2345 – 100 degrees

963 **TUNESIA** Music and some French talk.

0000 – 100 degrees

612 **MOROCCO** and **SPAIN** mixing.

810 **SPAIN** SER – In the mix with pips and woman with news.

693 **SPAIN** and **UNITED KINGDOM** BBC.

918 **SPAIN** Madrid – A music program along with a woman talking. Then

760 **USA** WJR and maybe **COLOMBIA** under with 5+1 pips.

what sounded like a fog horn and 5 pips and some theme music. S 6-8.

0015 – 100 degrees

153 **ROMANIA** Music and talk. Music festive to dance to. At s 4.

198 **UNITED KINGDOM** BBC – Talk – S 5.

171 **MOROCCO** Man singing a Mideast tune. S 5-6.

225 **POLAND** Talk and music with S 4 peak.

183 **GERMANY** Talk at S 4.

234 **LUXEMBOURG** Talk at S 3-4.

189 **ICELAND** Music but weak at S 3.

252 **ALGERIA** Pop music like Jill FM. Best LW at S 6-8.

This file had 41 stations from Spain. I also checked for NDB stations but not much. I will pursue more NDB's at this location when the band more quiet. More on this time frame.

765t **IRAN** Man and a woman talking but weak with noise.

1188 **IRAN** Weak w/talk.

1107 **UnID** under Spain w/talk.

That's all for now. **Roy Barstow** – Falmouth MA

### DXpedition #4 – Marais Temps Clair Conservation Area, Black Walnut MO Eric Bueneman (NØUIH)

One year to the weekend after the IRCA Convention in nearby Saint Charles, I made my fourth DXpedition; the second one to Marais Temps Clair Conservation Area in the agricultural community of Black Walnut, MO. Earlier this summer, the area was under water due to the flooding along the Missouri and Mississippi Rivers. The location I set up in was a gravel parking lot on the other side of Island Road from the parking lot of the area's office. This time, I shared the parking lot with hunters keeping their skills sharp for upcoming fall hunting seasons.

Once again, I brought the General Electric Superadio III for AM BCB DX and the Tecsun PL-600 for tropical band DX. This time, I deployed the homebrew 30-foot longwire that I made for DXpeditions for reception of tropical band and shortwave DX. I broke this antenna in during the May DXpedition to Sioux Passage County Park on the other side of the Missouri River. I leaned the mast the longwire was on against one of the bulletin boards in the parking lot. I began monitoring the DX before 2000 ELT (0000 UTC).

On the AM broadcast side, the dial was peppered with Friday night high school football games from throughout the Midwest. Sunset skip conditions favored the Midwest and East. One of the biggest surprises was on 880, where WJLR (across the Mississippi in Highland IL) was buried under KRVN and WCBS. Another surprise was on 800, when Trans World Radio from Bonaire was coming in over CKLW and KQCV. Another one was Radio Reloj on 950 from Cuba battling with KWOS and WAKM. On the tropical bands, both Cubans were heard (Radio Progreso on 4765 kHz and Radio Rebelde on 5025 kHz); WTWV from Lebanon TN was in with a good signal on 5085 kHz. Above the tropical bands, conditions favored the Americas, Europe, the Middle East and the Pacific. I wrapped up monitoring around 2124 ELT (0124 UTC).

Two of the hunters in the parking lot asked me about the DX hobby; I explained briefly about the hobby. I turned on the PL-600 for one hunter to explain shortwave DX (it was tuned to Radio Rebelde on 5025 kHz); this one told me that his grandfather was an Amateur Radio operator. I told another hunter about high school football coverage on the AM BCB. Maybe I should start carrying information about DXing on future DXpeditions. This one was worth battling the mosquitoes, hi!

Times for domestic BCB DX are in ELT; Pan-American BCB DX and Tropical Band DX in UTC.

### DOMESTIC DX (US and CANADA)

740 CFZM **ON**, Toronto – 9/6 2028 noted with 1980s pop music, "Zoomer Radio" and local ads. A good to fair signal was noted, mixing with KRMG.

880 KRVN **NE**, Lexington – 9/6 2042 noted with high school football play-by-play, "880 KRVN" ID into local ads. A good signal was noted over WCBS; WJLR buried way underneath.

880 WCBS **NY**, New York – 9/6 2036 noted with local spot, "WCBS News Radio 880" ID into New York Mets baseball play-by-play. A good signal was noted over KRVN and WJLR; ACI from WLS 890.

- 910 KVIS **OK**, Miami – 9/6 2103 noted with a long block of Southern Gospel music, promo for an upcoming event at a southwest Missouri church, giving a phone number in Area Code 417. A good signal was noted over other stations.
- 950 KWOS **MO**, Jefferson City – 9/6 2040 noted with a promo for a Saturday afternoon high school football game, "News Radio 950 KWOS" ID into high school football play-by-play. A fair signal was noted over WAKM and Radio Reloj.
- 1430 WXNT **IN**, Indianapolis – 9/6 2017 noted with "CBS Sports 1430" ID into high school football play-by-play. A fair signal was noted, mixing with other stations; local KZQZ was off.
- 1550 KAPE **MO**, Cape Girardeau – 9/6 2024 noted with Cape Girardeau Central High School football play-by-play. A fair to poor signal was noted through KESJ, WIGN and WPFJ.
- 1550 KESJ **MO**, Saint Joseph – 9/6 2023 noted with local ads, "Joe at 107.5" ID into high school football play-by-play. A good signal was noted over KAPE, WIGN and WPFJ.

**PAN-AMERICAN DX**

- 800 **BONAIRE** Trans World Radio PJB Kralendijk – 9/7 0058 noted with tail end of Christian teaching program in Spanish, "Radio Transmundial" ID into another Christian teaching program in Spanish. A fair signal was noted over CKLW and KQCV.
- 950 **CUBA** Radio Reloj CMBD Arroyo Arenas – 9/7 0040 noted with time signals, frequent "RR" IDs in Morse Code, "Radio Reloj" ID and brief announcements in Spanish. A fair to poor signal was noted, mixing with KWOS and WAKM.

**TROPICAL BAND DX**

- 4765 **CUBA** Radio Progreso via Bejucal – 9/7 0054 noted with salsa music, ID and announcements in Spanish. A fair to poor signal was noted.
- 5025 **CUBA** Radio Rebelde via Bauta – 9/7 0108 noted with long speech in Spanish. A fair signal was noted.
- 5085 **USA** WTWW Lebanon TN – 9/7 0109 noted with Oldies show, DJ talking about Bo Diddley in English. A good signal was noted.

Stay tuned for my next DXpedition report, whenever and wherever that will be. 73 and good DX from NØUIH, the Florissant Valley Dial Twister.

**Grayland after dark (Bill Whitacre via IRCA eGroup)**

Here's a good example of why we come here taken at the same time in Grayland and Victoria:

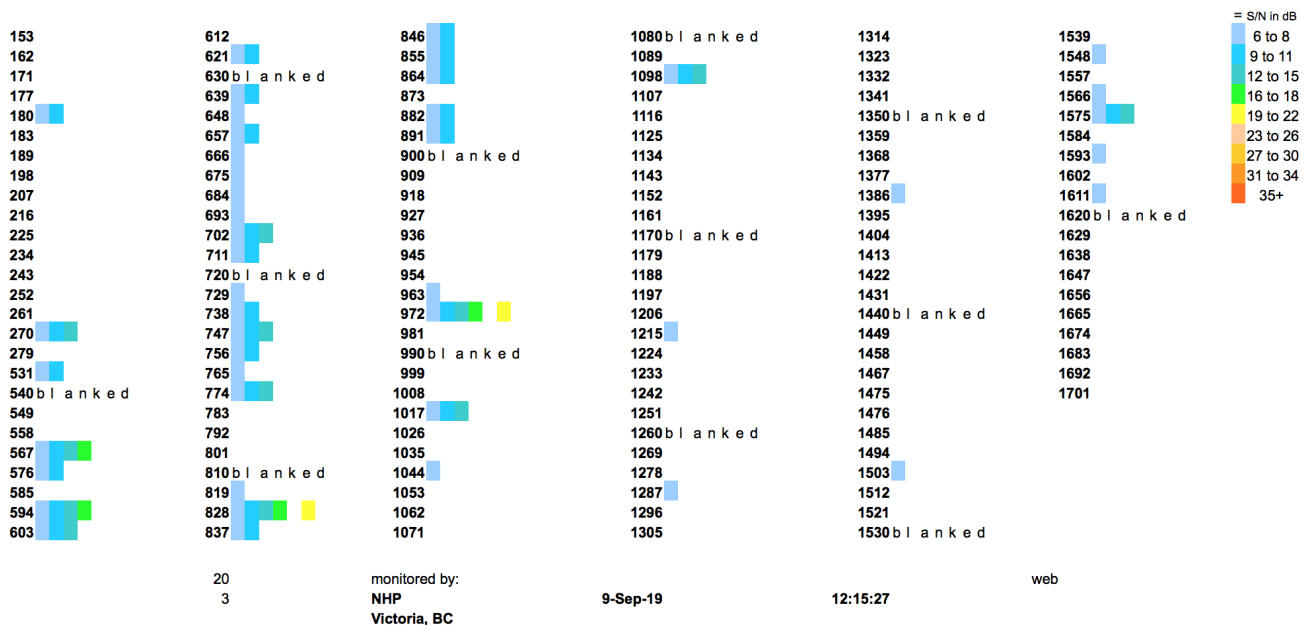
Fish Barrel Grayland:

9 kHz channel signal strength from Grayland, WA, USA; 1000' Beverage antenna aimed west, feeding RFSpace SDR-14



and Fish Barrel Victoria:

9 kHz channel signal strength from Victoria, BC, Canada; Flag antenna aimed west, feeding RFSpace SDR-14







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

Deadlines: 9/21, 9/28, 10/5, 10/12, 10/19, 10/26, 11/2 and 11/9

**Garry Stoklas**, Yuma, Arizona

After a bit of a hiatus, I've been listening again and found that KROP AM 1300 Brawley CA is back on the air. It had been conservative talk with Limbaugh, Hannity, etc. but went off the air some time in the last year or so. I haven't paid it a bit of attention since moving to Yuma AZ at the beginning of 2018 but noticed them on the other evening with very low audio and what seemed to be religious programming. I was in the Brawley area today and tuned in to see what was going on. Again, the audio was very low, but they are now affiliated/simulating with KOBA FM 100.1. KGBA FM is in English and KGBA AM 1490 broadcasts essentially the same programming in Spanish.



**ULTRALIGHT/FSL NEWS – Phil Bytheway – 9705 Mary NW – Seattle WA 98117-2334**  
 E-mail: DXM.EiC@gmail.com

This article was presented at the convention by **Gary DeBock** – pb

**Innovative Ferrite Antennas—Worldwide DXing Excitement!**

By Gary DeBock, Puyallup WA, USA – September 2019



November 2018  
 Poipu, Hawaii  
 Ultralight DXpedition

**Introduction:** Ferrite antennas have been used for decades in portable radios, but only recently have breakthrough designs been introduced which have the potential to dramatically boost both the excitement and effectiveness of portable DXing.

Why be tied down to one or two DXing locations? Get ready to explore long range DX propagation at exciting locations like ocean cliff sites, isolated South Pacific islands or exotic ocean beaches around the world. The only limit is your own creativity and determination!

**Four Levels of Portable Gain**



**1) Stock Portable Loopsticks:** Almost all portable radios have internal, MW-optimized loopsticks, although the sensitivity of these internal loopsticks varies greatly. In some classic portables like the Panasonic RF-2200 and Sony ICF-S5W the loopsticks are actually quite sensitive, although in most cases the stock loopsticks are unlikely to track down any really weak DX – and the lack of DSP-enhanced selectivity in most portables makes them ineffective for transoceanic DXing. In a few modern portables like the CCrane Skywave and XHDATA D-808 there is a reasonable level of MW sensitivity in combination with a reasonable level of DSP selectivity, but even with these portables a serious transoceanic DXer will quickly lose patience with a radio that can only track down the loudest of the intercontinental “big guns.”

Except for DXers who are fortunate enough to live on ideal ocean beaches with excellent long range propagation, stock loopsticks will be unlikely to provide much variety in transoceanic propagation – although they may be entirely suitable for domestic DXers in the center of a continent. This type of DXing has been popular for decades, and if that is your primary interest, that's great. But if you are looking for extra antenna gain to go after weaker or more exotic transoceanic DX, read on!

**2) “Supercharged” (Enhanced Loopstick) Portables:** For over ten years a very popular modification has been to replace a relatively deaf stock loopstick with an externally-mounted transplant antenna of much higher sensitivity. In such a case the modified radio retains a high level of portability but takes on a far more effective DXing capability, as the enhanced loopstick tracks down both strong and moderately weak transoceanic DX, in addition to providing improved nulling capability. The enhanced-loopstick portables are ideal for fast-paced travel such as an ocean cruise, or to a crowded overseas environment where external antennas are not practical (such as in Hong Kong).



Of course the effectiveness of such a “supercharged” portable will depend on the effectiveness of its DSP filtering, as well as design features such as SSB, memory searches and the like. Two modern favorites in my own personal DXing are the 7.5 inch loopstick CCrane Skywave SSB Ultralight model, as well as the 7.5 inch loopstick XHDATA D-808 portable (shown above). Either one of these modified portables will give you a lot of travel excitement, and occasionally will astonish you with long range DX far beyond your expectations. A full construction article for the most modern (and SSB-capable) D-808 model is posted at <https://dreamcrafts.box.com/s/5d0pi85jftgmrj4pd0jsmaybgb6gteh>

While these “supercharged” portables are far more versatile and effective than a stock radio, they deliver their best performance around salt water, especially during enhanced sunset and sunrise propagation. Their enhanced sensitivity can occasionally astonish you, but they are not designed to compete with the larger air core box loops, or any of the new FSL antennas. A good analogy would be the difference between a cell phone camera and a dedicated camera with advanced lenses and functions. The cell phone camera is extremely useful because of its lightweight portability and convenient access during everyday life, but if you need a serious telephoto lens it is not the best choice. But just like when the cell phone camera is your only option for taking a photo or video, when your only option for DXing is to use a “supercharged” portable, it rarely will disappoint you. It’s more likely to surprise and astonish you.

**3) Airport-Friendly (small sized) FSL Antennas:** As introduced by the U.K.’s Graham Maynard in 2011 the “ferrite sleeve” antenna quickly gained a reputation for exceptional performance in a compact size, but for the first three years most of the FSL antenna experimentation was focused on building high-gain monster models of legendary size, weight and cost. Back in 2015 a radical idea was contemplated – shrink the FSL antenna way down to a travel-friendly size – that would routinely pass through airport TSA screening inspections, but still provide a decent level of gain on exotic ocean beaches.

Of course in 2015 the concept seemed interesting, but at the time nobody knew whether the tiny FSL’s would actually make it through TSA screening, or how much gain they would provide after long range air travel. The results are now in, however—the tiny antennas have a perfect record of passing through TSA inspections, and they also have an astonishing record of tracking down long range DX on exotic ocean beaches.



After a few “test runs” of these compact FSL’s in Hawaii by Craig Barnes and yours truly in 2017, a 5 inch “Frequent Flyer” FSL was taken to Aitutaki in the Cook Islands in April of 2018, where it tracked down DX like 657-AIR (8,075 miles), 693-Bangladesh (7,960 miles) and 1000-Radio Record in Brazil (7,072 miles). The same long range DXing capability of the tiny FSL’s was demonstrated during a trip to Poipu, Kauai (Hawaii) in November of 2018, with long range Middle East stations like 702-BBC in Oman (8,586 miles) received at decent strength. Who would have guessed that a 5 inch diameter antenna could be so prolific after long range air travel in hand-carry luggage? After their DXing success the “airport-friendly” FSL antennas became a primary target of improvement and innovation, and now, in addition to the “DXpedition type” 5 inch ferrite bar FSL design (demonstrated at <https://www.youtube.com/watch?v=bRaOnWS-5lg&t>), a new 3 inch ferrite rod “Baby FSL” design was developed in early 2019, demonstrated at <https://www.youtube.com/watch?v=JZiYli09mTg>

Whether you are a domestic DXer, a casual transoceanic DX chaser or a split-frequency DX fanatic, these new “airport-friendly” FSL antennas open up a new range of exciting hobby possibilities. You can pack away some serious tuned gain (roughly equivalent to that of a 4’ air core box loop) and set up a portable DXing station almost anywhere you wish. Does your home location have RFI problems? Get away from them – with a sensitive, tuned FSL. Do you live in a city with multiple local pest stations? Take your FSL on a short trip – far enough away to null out the pest stations. Is there an ocean coast within convenient driving distance? Get ready for some serious DXing fun, especially if you can time your visit for sunrise (on the west coast) or sunset (on the east coast) during good seasonal conditions.

Of course a compact FSL antenna is the ideal choice to investigate areas with the potential for superior propagation, such as fertile farm soil, plunging ocean side cliffs, exotic overseas beaches and remote islands surrounded by salt water—but the vast majority of these antennas will have a much simpler mission. Their primary reason for existence is to make the hobby fun and exciting again, and convince their users that innovation and exploration are alive and well as we enter the future.

**4) Airport-Unfriendly (large sized) FSL Antennas:** The larger FSL antennas have never really gone away, and are still the masters of serious tuned gain in a compact size. The largest of these have carved out a “King of the Hill” live DXing niche (at least on the lower MW frequencies) at narrow plunging ocean cliff sites like Rockwork in Oregon, where full sized broadband loops cannot be accommodated. A video of four of these huge FSL antennas deployed during the August 2019 Rockwork Cliff DXpedition is posted at <https://www.youtube.com/watch?v=0tLpBzB1qrM>

Despite their potential for superior compact gain, these Monster FSL’s do have some “side effects” related to their serious cost (over US \$1K) and weight (38 lbs/17 kg). With a large, bulky appearance resembling a huge ring of dynamite, they would be a very poor choice to carry into a TSA screening area at any airport. In fact, simply carrying one of these into any airport would probably bring you more travel excitement than you could handle.





Whereas these huge 17" and 15" diameter gain monsters are now pretty much relegated to ocean cliff DXpedition duty, medium-sized FSL antennas (6" to 12") are very effective and versatile for casual ocean coast trips, or even for DXing at home (in decent locations). Richard Allen is fortunate enough to live on fertile farm soil in Oklahoma, and he has used an 8" FSL antenna to track down long range DU-DX like 702-2BL and 774-3LO from Australia. My strongest Western Australia reception ever (558-6WA) was with an 8" FSL antenna on an ocean coast hill in Lincoln City, Oregon. As long as a DXer is willing to deal with the side effects of serious weight and cost, the medium-sized FSL antennas definitely provide a serious amount of long range DX as a rewarding tradeoff.

Finally, what exactly is the borderline between an "airport-friendly" and an "airport-unfriendly" FSL antenna? At the current time, nobody knows for sure. When we take a compact FSL into a TSA screening area the last thing we want is to have the antenna rejected as a security risk, so we don't like to push our luck. So far every DXer who has taken either a 5" ferrite bar model or a 3.5" ferrite rod model through TSA screening (or airport security screening in other countries) has gotten through, with the vast majority not even having been questioned about the antenna. In about 20% of cases an inspector will ask what the item is, and then let it pass. In only one case (out of 18) did I have an inspector take the FSL antenna out to his supervisor, who then gave his permission to pass it. Of course, each individual inspector has his own quirks, but so far our pass record is 100% worldwide, and we intend to keep it that way ☺

### Enhanced DXing Locations

**1) Fertile Farm Soil:** Propagation research over many decades has determined that fertile soil in certain areas can provide signal enhancement for long range DX arriving from certain overseas areas, although such signal boosts are relatively modest in comparison to salt water propagation enhancement on ocean beaches.

In our Ultralight Radio enthusiast group I have seen this concept demonstrated repeatedly by Richard Allen in Oklahoma, who has received multiple Australian MW stations on an 8" FSL, as well as multiple European and African Longwave Broadcast stations on a 7.5" (plug-in) Longwave loopstick Tecsun PL-360. DXers in surrounding areas with less soil conductivity seem to get the short end of the stick, and in certain valley areas with rich soil a location can get a reputation for having a DXing edge to certain countries. My own home location in Puyallup, Washington is in a valley with rich farm soil, which seems to provide a quirky edge for reception of stations from Korea and China in comparison to other local DXers in their home locations, who have better reception of Japanese stations. This "selective area" phenomena definitely exists, although the reason is quite a mystery. DXers with either a "supercharged" portable or an FSL antenna (or both) can easily investigate fertile farm soil close to home, and quite possibly track down some unusual DX as a result.



**2) Ocean Beaches:** Transoceanic radio signals propagate extremely well over salt water paths, and if you have interest in these type of signals you definitely should schedule as many ocean beach DXing sessions as your budget and free time allows! All portable DXing antennas benefit greatly from a salt water environment – whether you are using a stock portable radio, a "supercharged" Ultralight, a "Frequent Flyer" FSL or a 17" Monster FSL.

Your ocean beach transoceanic DXing results will be maximized if you can schedule your listening sessions around sunrise (on the west coast) or sunset (on the east coast) from September until December – although even the "dog days" of summer (July and August) are great to go after Trans-Equatorial DX like Australia and New Zealand (on the west coast) or Brazil and Argentina (on the east coast) if you are able to set up right next to the salt water edge. The sunrise enhancement propagation (on the west coast) and sunset enhancement propagation (on the east coast) continue for much longer periods than at inland areas, so even a live DXer with ferrite antennas should have plenty of time to chase a variety of good transoceanic targets. As with any type of DXing specialty, your results will be maximized if you know which targets are on which frequencies, understand long range transoceanic propagation, and have a good idea which "big gun" stations are indicators of enhanced conditions to certain overseas regions. This type of DXing can be very exciting and habit-forming, with routine annual DXpeditions scheduled and eagerly anticipated by a multitude of hobbyists.





**3) Ocean Side Cliffs:** There is a special category of ocean side DXing sites which provide transoceanic DXing results clearly different from those of adjacent flat ocean beaches, although the transoceanic signal enhancement at these sites routinely seems to favor stations from a certain geographical area. One such stark example is the Rockwork Cliff complex in Oregon, which routinely provides an uncanny boost to New Zealand signals every summer. Within a couple years of discovery the Rockwork Cliff broke the all-time west coast record for New Zealand stations received during a DXpedition, a feature it repeats every summer. Several New Zealand MW stations which have never been received anywhere else in North America routinely show up at the Rockwork Cliff, even on a 5 inch airport-friendly FSL. Another such ocean cliff site is Cape Perpetua down the Oregon coast, which unlike Rockwork has a curved shape, allowing a wider optimized area. At this Highway 101 site S9 mixes of Japan and Australia not uncommon in August, along with potent signals from New Zealand and the Pacific islands. Exploration is the key to the discovery of more of these ocean cliff enhanced-propagation sites, and compact FSL antennas are the perfect tool for the job!



**4) Remote Islands Surrounded by Salt Water:** When the late Dr John Bryant had the chance to experience the exceptional transoceanic DX propagation on Easter Island in March of 2007 he remarked that “it was the most fun that I’ve ever had with my clothes on.” Powerful MW signals from all continents of the world were pounding in on his Eton E1 and beverage antennas – and even with a live DXing format he had the DXing thrill of a lifetime tracking them down. I had a similar experience in April of 2018 on Aitutaki in the Cook Islands—S9 signals from Asia (like 693-Bangladesh at 7,960 miles), South America (like 1000-Radio Record at 7,072 miles), North America, Australia and the Pacific islands. Unlike John, though, I wasn’t using a 500 foot beverage – just a 5” airport-friendly FSL antenna.

Long range DX propagation to these isolated ocean islands seems to be in an entirely higher league, although very few DXers seem to get the chance to enjoy it. If you are lucky enough to get such a rare opportunity, your 5” airport-friendly FSL is the perfect traveling companion to run absolutely wild. My Aitutaki, Cook island results from April of 2018 are posted at <https://dreamcrafts.box.com/s/d93hf01701g4ajfupxau54wbf8y7o859>

**Summary:** Versatile ferrite antennas have the potential to really energize your DXing hobby, especially if you can schedule some listening sessions at the enhanced sites mentioned above. Innovation and creativity are the life blood of the hobby, and in order to get breakthrough DXing results you will need to get out of your comfort zone, and try something really new—either a new type of portable antenna, a new DXing site, an ocean beach run or even an overseas trip to an exotic ocean beach. Take my example and push your DXing luck for all it is worth – as often as you can.

We are currently entering a period of optimal solar conditions for long range AM-DX, and the time has never been better for those who dream of breakthrough DX, and have the determination to make their dreams a reality. Take advantage of these innovative ferrite antennas to reach your goals—they are ready to go anywhere with you for DXing fun, even to remote corners of the world!

**Gary DeBock** (Ultralight Radio Group Co-Founder)

## WI GTG Group Picture



(Left to right) Joel Thorn, Frank Merrill, George Greene, Pete Ferrand, Monica, Pete Atkinson, Mike Piering, Dave Zantow, Mike Nikolich, John Lentz, Bob Brossell, Don Moore, Beth Schrieder, Jim Albrecht, Mark Taylor, Kevin Klein, Eric Berntsen, Ernie Wesolowski, Bill Dvorak, Dave Whatmough, Len Kelter, Steve Schreiter, Karl Forth, Robert Kastelic, Carlie Forsythe, Steve Zimmerman, Mark Draeger, Mike Lantz, Craig Menning, Neil Bartlett, Al Hajny, Steve Gastreich, Tim Noonan, Dave DeRosier and Kevin McGill (caption provided by Tim Noonan – thanks – pb)

