



# DX MONITOR

The official publication of the  
International Radio Club of America

August 29 2020 – Volume 58 Number 02 – Edition 1849 – ISSN 899-9733

IRCA welcomes: **John Bryson** in Manheim PA and **Rocky Robello** in Idaho Falls ID. Deadline for V58\_N03 is: **Tuesday 09/08/20 1200 PLT** (two weeks) pb

### 2021 Convention

Due to the unprecedented Covid situation, the 2020 Anahem convention will rescheduled at a later date. Mike is working hard at getting the event rescheduled to June 10-12 2021. Details as they become available – pb

### IRCA TIS/HAR LIST (Summer 2020)

The IRCA TIS/HAR LIST lists all US and Canadian TIS/HAR stations, by frequency, including call letters, state (province,) city, county, licensee, address, coordinates, expiration date, sources and/or dates of DXM/DXN reports. It has been updated with FCC data, DXM, DXN and DXer reports, and on-line listings through June 27 2020.

The 2020 IRCA TIS/HAR LIST is posted on the IRCA website for all to download. The link is: [http://www.ircaonline.org/editor\\_upload/File/TIS\\_2020.pdf](http://www.ircaonline.org/editor_upload/File/TIS_2020.pdf)

### IRCA Slogans List (September 2020)

The 2020 Slogans List includes radio slogans from the US and Canada (over 4600) as gleaned from various DX publications and monitoring. The 2020IRCA Slogans List is posted on the IRCA website for all to download. The link is: [https://www.ircaonline.org/editor\\_upload/File/2020\\_IRCA\\_Slogans.pdf](https://www.ircaonline.org/editor_upload/File/2020_IRCA_Slogans.pdf)

### Volume 57 compilations

Compilations of Volume 57 WDXR, CDXR, EDXR and DXWW are now posted in the members only/publications section of our website.



**COURTESY PROGRAMS COMMITTEE – Les Rayburn – 121 Mayfair Park – Maylene AL 35114**  
[les@highnoonfilm.com](mailto:les@highnoonfilm.com)

### WCSZ 1070 Sans Souci SC DX Test

WCSZ-1070 ran a test with 50,000 watts non-directional on Friday night/Saturday morning 8/22. The test consisted of Morse code IDs and music. It was widely heard. A full report from Les is attached to this issue of "DX Monitor" – pb.



## IRCA-NRC COURTESY PROGRAM COMMITTEE

From CPC Chairman **Les Rayburn**, N1LF:

DX Test material consisting of jingles, Morse Code ID's, sweep tones, etc have been produced for **WNJC 1360** in Washington Township NJ and **KSEN 1150** in Shelby MT. These files were delivered to both stations, but no definitive dates have been set for testing yet.

Tests will be conducted in conjunction with transmitter maintenance periods. These days, maintenance is dependent on scheduling engineering services with engineers and contractors often serving multiple stations. Tests will often be short-notice and subject to cancellation.

It is best to have multiple ways to receive notification of tests, off-air maintenance periods, etc. These may include the Email lists for the IRCA, National Radio Club, Facebook Groups devoted to AM DXing, and the AM DX Logger. There is also a MW DX "Slack" Channel.

Whenever possible, advance notification will be given to the DXing community. But you can no longer rely on printed (ie regular – pb) publications to receive advance warning of tests.

Keep an ear on 1360 and 1150 in the coming weeks.  
73 and Best of DX, Les N1LF



**BROADCASTING INFORMATION – Robert J Wien – 8912 Oso Corridor PL NW – Albuquerque NM 87114**  
[wienbob@aol.com](mailto:wienbob@aol.com) Phones: 505-897-7304 (home) 909-997-7904 (cell) Column Deadlines: Saturdays

**DATE OF COLUMN:** August 22 2020 **Column data span:** August 08-22 2020, Data courtesy of **Stationintel.com**, FCC database and member contributions.

### CALL CHANGES

FREQ	OLD CALL	CITY OF LICENSE	NEW CALLS
780	WTME	Rumford, ME	WIGY
980	WTID	Marianna, FL	WTOT
1460	WGSY	Phenix City-Columbus, AL	WHTY
1490	WLFN	La Crosse, WI	WLXR

### FORMAT, SLOGAN AND SILENT STATUS CHANGES

FREQ	CALL	CITY OF LICENSE
540	WETC	Wendell-Zebulon, NC
	WUUK	Jackson, WI
560	KWTO	Springfield, MO
570	KUAI	Eleele, HI
590	WARM	Scranton, PA
	WWLX	Lawrenceburg, TN
	KLBJ	Austin, TX

### NEW INFORMATION

old slogan: "Catholic 540-AM Divine Mercy Radio", new: "Divine Mercy Radio 540 AM"  
was talk, now ESPN Radio Network, adds slogan: "540 AM ESPN"  
old slogan: "Keep Watching the Ozarks", new: "KWTO News Talk Radio"  
old slogan: "Kauai's Country 570 AM and 104.5 FM", new: "KUAI AM 570 and 104.5 FM"  
now silent  
old slogan: "106.1 The X", new: "The X 106.1 FM 93.1 FM"  
old slogan: "News Radio KLBJ 590 AM and 99.7 FM", new: "KLBJ 590 AM and 99.7 FM"

630	WBMQ	Savannah, GA	now silent
760	KMTL	Sherwood, AR	was unknown format, now regional Mexican, adds slogan: "Radio La Raza"
780	WIGY	Rumford, ME	was silent, now adult hits
790	WVWZ	Ashland City, TN	was classic country, now country, old slogan: "The Wolf", new: "103.9 The Bear"
840	KTIC	West Point, NE	old slogan: "840 Rural Radio", new: "KTIC 840 AM / 98.3 FM / 98.7 FM"
880	WRFD	Columbus-Worthington, OH	old slogan: "The Word 880 WRFD", new: "The Word 880 AM 104.5 FM WRFD"
900	WKDA	Lebanon, TN	was Spanish hits, now Westwood One Real County as primary format, jazz as secondary format, old slogan: "Radio Latino 900", new: "Real Country"
970	KXTA	Rupert, ID	was regional Mexican, now classic rock, old slogan: "970 La Patrona", new: "Balanced Rock"
1060	WLNO	New Orleans, LA	old slogan: "The Original One of a Kind", new: "WLNO 1060 AM"
1090	WENR	Englewood, TN	was southern gospel, now Christian rock, old slogan: "The Little Gospel Giant", new: "104.9 The Mountain"
1150	WAVO	Rock Hill, SC	was unknown format, now contemporary Christian, adds slogan: "The Light FM"
1180	WXLA	Dimondale, MI	was adult standards, now soft adult contemporary, old slogan: "Unforgettable 1180", new: "Easy 93.3"
1200	WSML	Graham, NC	old slogan: "Maverick Radio 1200 AM / 95.1 FM", new: "Maverick 1200 AM / 95.1 FM"
1220	KMVL	Madisonville, TX	old slogan: "America's Best Music 1220 AM / 98.9 FM", new: "KMVL 1220 AM / 98.9 FM"
1230	WAUD	Auburn, AL	old slogan: "The Voice of Auburn", new: "AM 1230 WAUD"
	KHDN	Hardin, MT	now silent
	KTNC	Falls City, NE	was oldies, now classic hits
1240	WEZR	Lewiston, ME	was silent, now adult hits
1250	WKBL	Covington, TN	was southern gospel, now talk, adds slogan: "WTJS 93.1 The Talk of Jackson"
1260	WUFE	Baxley, GA	old slogan: "The Big WUFE", new: "The Big WUFE 96.7 FM"
	KTAE	Elgin, TX	was Westwood One NBC Sports Network, now SB Nation Radio
1290	KIVY	Crockett, TX	old slogan: "America's Best Music 1290 AM / 102.9 FM", new: "KIVY 1290 AM / 102.9 FM"
1300	WQPM	Princeton, MN	was classic hits, now oldies, old slogan: "The Killer Bee", new: "Q Radio"
1320	WBRT	Bardstown, KY	old slogan: "Hometown Radio and Classic Country", new: "Hometown Radio"
	WILS	Lansing, MI	old slogan: "More Compelling Talk 1320", new: "1320 WILS"
1330	WAEW	Crossville, TN	old slogan: "WAEW Talk Radio 96.9 FM-1330 AM", new: "WAEW 96.9 FM-1330 AM"
1350	WLOU	Louisville, KY	was inspirational gospel, now R&B oldies
1370	WDXE	Lawrenceburg, TN	old slogan: "The Legend 1370", new: "The Legend 103.5 FM 95.3 FM 1370 AM"
1380	WRAB	Arab, AL	old slogan: "Brindlee Mountain's Country", new: "Fun Classic Country"
	WTYM	Kittanning, PA	old slogan: "Hometown Radio 1380", new: "WTYM 1380"
1430	WKOX	Everett, MA	was Spanish hits, now gospel music, old slogan: "Rumba 1430", new: "1430 The Light"
1450	WPNO	South Paris, ME	was silent, now adult hits
	KWPM	West Plains, MO	old slogan: "1450 NewsRadio", new: "105.1 News Radio KWPM 1450"
	KSEL	Portales, NM	now silent
1460	WQXM	Bartow, FL	old slogan: "La X, WQXM 1460", new: "Ritmo 99.9 FM 1460 AM"
1480	WABF	Mobile, AL	adds slogan: "1480 AM WABF"
1490	WTVL	Waterville, ME	old slogan: "Kool AM", new: "Kool 1490 AM"
	WCSV	Crossville, TN	old slogan: "97.7 The Ticket", new: "97.7 FM / 1490 AM the Ticket"
	WCVA	Culpeper, VA	old slogan: "Today's Country", new: "103.1 Today's Country"
1520	WINW	Canton, OH	was inspirational gospel, now urban adult contemporary
1540	KLKC	Parsons, KS	old slogan: "Fox Sports Radio", new: "106.7FM KLKC"
1570	KCVR	Lodi, CA	was Spanish sports, now ethnic, old slogan: "TUDN Deportes", new: "Punjabi Radio"
1580	WNTF	Bithlo, FL	was silent, back on with new unknown format
1590	WTPA	Palm River-Clair Mel, FL	changes city of license from St. Petersburg Beach to Palm River-Clair Mel
1600	WLAA	Winter Garden, FL	was silent, back on with new unknown format

#### MEMBER CONTRIBUTIONS

**Bob Smoak** of Bamberg SC sends along the following via the ABX Groups dated 8/10/20:

I've had trouble getting WLAC at night in Bamberg SC. I found out why. A transmission line on the DA failed. The FCC granted them an STA for operation into the day stick with 25% power or less. If 25%, that would be 12,500 watts, which would reduce the non-directional signal to 1/2 that of the full power signal.

**Paul Walker Jr** of Laramie WY sends along the following via the ABX Groups dated 8/11/20:

From the FCC database this morning after KFXN (690 AM, Minneapolis MN-ye ed) lost one tower and had feed lines cut, they're asking for Special Temporary Authority to operate non directional with lower power. "The center tower of the KFXN 3 tower array collapsed on August 10th. The collapse severed the feed lines to the center and west towers. KFXN is currently operating with only the east tower with a power of 120 watts. Authority is requested for this operating, pending restoration of licensed service."

**Paul Walker Jr** sends along the following via the ABX Groups dated 8/11/20 (also passed on by Mike Sanburn of Bellflower CA):

KROS 1340 / 105.9 Clinton IA OFF AIR. The stations' 400-foot tower collapsed in a 100mph plus wind Monday night, talk the AM and it's translator off the air. Here's pics from the station, you shouldn't need to log into or even have Facebook to view them:

<https://www.facebook.com/104471366258821/posts/3287738544598738/?d=n>

**Paul Walker Jr** sends along the following via the ABX Groups dated 8/11/20:

WMT 600 Cedar Rapids lost a tower and is currently off the air. This makes the 3rd known station to lose a tower, along with KROS and KFXN (note: KROS and KFXN information above-ye ed).

(**Paul** sends along additional information dated 8/12/20):

STA Filed and Granted today for WMT. We request special temporary authority ('STA') to operate station WMT (AM) during night mode with temporary facilities.

High winds, probably associated with the widely reported August 10 2020 derecho event, toppled a tower in the night array. The daytime non-directional facilities were not harmed. We are requesting to operate an emergency antenna consistent with 73.1680 consisting of the non-directional daytime facilities, which is a vertical element of the directional antenna system, with power reduced to 25% or less of the nominal licensed nighttime power, or a higher power not exceeding licensed power while insuring that the radiated field strength does not exceed that authorized in any given azimuth for the corresponding nighttime hours of directional operation. Emergency operation.

The interests of the public will be served by WMT continuing to provide service to the community during repairs.

**Dennis Gibson** of Salinas CA sends along the following via the IRCA groups.io dated 8/12/20:

Licenses cancelled: 8-10-2020: KKAA-1560 Aberdeen, South Dakota, 8-10-2020: KNDF-1560 Daingerfield, Texas

**Paul Walker Jr** adds information re KKAA-1560 above via ABX Groups dated 8/12/20:

It had been silent awhile and when it was on, it was operating at much lower than licensed power and nondirectional. It was a multi tower station that was getting beyond repair and/or expensive to maintain and to do anything with it would've been costly or economically viable. I know some of this info 2nd hands direct from people who we're involved.

**Dennis Gibson** adds information re KKAA-1560 above via IRCA groups.io dated 8/12/20:

KKAA was granted a Silent STA that expires on September 19. I wonder if the license was surrendered.

[http://licensing.fcc.gov/cgi-bin/prod/cdbs/forms/prod/getimportletter\\_exh.cgi?import\\_letter\\_id=92669](http://licensing.fcc.gov/cgi-bin/prod/cdbs/forms/prod/getimportletter_exh.cgi?import_letter_id=92669)

[http://licensing.fcc.gov/cgi-bin/ws.exe/prod/cdbs/pubacc/prod/sta\\_det.pl?Facility\\_id=15965](http://licensing.fcc.gov/cgi-bin/ws.exe/prod/cdbs/pubacc/prod/sta_det.pl?Facility_id=15965)

Today's FCC Daily Digest says KKAAs license was cancelled because the licensee requested cancellation by email. (**Paul Walker Jr** adds to this subject dated 8/13/20): Read the FCC report and **northpine.com** on the KKA deletion. The licensee requested license deletion on August 10. The station has had numerous STAs over the years due to costly and complicated directional antenna issues dating back almost 2 decades.

**Dennis Gibson** sends along the following information via ABDX Groups dated 8/12/20:

KRSN To Cease Operations (1490. Los Alamos NM, I can't pick them up here in Albuquerque day or night-ye ed)  
<https://radioinsight.com/headlines/195825/krsn-to-cease-operations/>

KRSN to Cease Operations – Lance Venta by Lance Venta August 12 2020

1490 107.1 KRSN Los Alamos David and Gillian Sutton's 1490 KRSN/107.1 K296GI Los Alamos NM will cease operations on August 30.

The Los Alamos Reporter states, "With the cancellation of high school sports, events, the closure of small businesses and the struggles of those remaining, KRSN can no longer raise the advertising revenues it takes to run your free to you community radio station." The Suttons purchased KRSN in 2006 from the bankruptcy trustee of Real Radio LLC for \$67,000. They state that they are in negotiations with other parties "in hopes it remains a community radio station".

The Full Service Classic Rock station wrote the following message regarding the shutdown on the station's website:

KRSN AM 1490 and FM 107.1 will be going dark after Sunday August 30. David and Gillian Sutton have proudly owned and operated the community radio station for the last 15 years, broadcasting local news, weather, sports and a variety of programming for your enjoyment. David and Gillian both grew up in Los Alamos listening to KRSN, and when the station was in bankruptcy and for sale, they felt it was important to keep the community station broadcasting. Gillian had worked at KRSN when she was in high school, and with David's skills as an engineer, they took a leap of faith and embarked on a career as radio broadcasters. KRSN broadcasted high school sports, and relatives of local athletes tuned in from all around the country.

With the Voice of the Hill Toppers Gene Mortenson and crews called football, soccer, basketball, volleyball and baseball, and Rick Pickard joined David announcing ice hockey, the recordings of the games created valuable memories for Topper families. That's approximately 150 Topper football games, 500 basketball games, 300 baseball and softball games, 150 hockey games and a few hundred more volleyball, and soccer games.

In 2010, Nancy Coombs joined David as a co-host of the Morning Show, which featured local news, off the wall stories in Dave's World, Earth Date and Science in the Sea, and interviews. Coombs says, I love interviewing people, letting them talk about things they are passionate about. It is a fantastic way to start the day. That is about 7,500 interviews, including Senators, congressman, governors, County Councilors, County Managers, County personnel, doctors, lawyers, artists, authors, heroes, teenagers and children. KRSN has won numerous broadcasting awards including Radio Station of the Year, National Crystal Radio Award finalist, Broadcaster of the Year and New Mexico Presswomen's awards. Our show hosts have won awards of excellence, and our sportscaster Mr. Gene Mortenson is in the New Mexico Broadcasters Hall of Fame.

KRSN mentored DJ's into their careers in broadcasting. Gillian reflects, It has been an honor to run the community radio station and we will miss it. David added we've had a lot fun and hope you enjoyed our shows. With the cancellation of high school sports, events, the closure of small businesses and the struggles of those remaining, KRSN can no longer raise the advertising revenues it takes to run your free to you community radio station. We appreciate all our loyal listeners over the years, as we say farewell. We are negotiating with other parties to purchase the station in hopes it remains a community radio station. We are still fulfilling all FCC and FAA requirements in maintaining all of KRSN's assets.

**Paul Walker Jr** sends along the following from Kit Sage of Arvada CO via ABDX Groups dated 8/12/20:

I can confirm KLVZ is on the air tonight, 8/12. I have my AM gear hooked up. I initially thought this was Que Suave KSWV, but it's KLVZ (KSWV is a pest for me on K10 here in Albuquerque-ye ed). Paul added a comment a few hours later on 8/12 re this subject: but 3 hours later, I'm not sure it is (on the air-ye ed). I'm hearing KGO (810 San Francisco CA-ye ed). (Note: KGO is non-existent here in Albuquerque, I have yet to hear them here-ye ed).

On Thursday, August 6 2020 at 10:20 PM Kit Sage wrote: KLVZ 810 Brighton CO is off again tonight. Must be a problem at their night site. They were on before sunset. 95.3 translator is on.

**Mike Sanburn** sends along the following from John Johnson of Mesa AZ re XEPRS-1090 via the IRCA groups.io dated 8/13/20:

Noticed last night XEPRS 1090 (Rosarita Beach BCN México-ye ed) is stunting before returning to a sports format. Loop looks back at 1090's history. More info at this location...

<https://www.prnewswire.com/news-releases/sportsgrid-radio-technology-platform-powers-san-diegos-mightier-1090-am-301087395.html>

SportsGrid Radio Technology Platform Powers San Diego's Mightier 1090 AM. NEWS PROVIDED BY SportsGrid Inc. July 02 2020, 0800 ET

NEW YORK, July 2 2020. SportsGrid Radio Network announced today an agreement to power the relaunch of San Diego's Mightier XEPRS 1090 AM radio station using their advanced cloud-based automation and live production tools. The SportsGrid technology platform integrates a suite of automated live production tools and monitoring software utilizing a cloud-based virtual infrastructure. SportsGrid's Radio production services will stream the Mightier 1090 audio feed through a low-latency IP connection from the cloud to the station's transmitter, broadcasting the powerful signal to hundreds of thousands of listeners in Southern California. "I've listened to the people, and the dream of bringing The Mightier 1090 AM back to Southern California has now become a reality," said XEPRS station operator Bill Hagen. "The legendary tradition is back in a Mightier fashion, allowing for carefully thought out, desired programming to once again serve the Southern California region," Hagen proclaimed. "The SportsGrid Radio team is thrilled to be an integral part of the relaunch of this iconic Southern California 50,000 watt clear-channel station," said SportsGrid VP of Radio, Michael Cardano. "The insightful, technological outlook and leadership of Bill Hagen, combined with the familiar voice and local market understanding of Scott Kaplan, will undoubtedly allow San Diego's renowned 1090 AM to regain its prominent position in the So-Cal marketplace," Cardano added.

About SportsGrid Radio Network. SportsGrid Radio is a syndicated audio network producing exclusive original programming with extensive sports, daily fantasy, and gaming coverage of major sports leagues and special events. SportsGrid statistics and data is sourced from Sportradar, providing listeners with insightful player and team news, data, odds, statistics, and betting intelligence across the programming on the schedule. SportsGrid is the multimedia destination serving the massive sports wagering audience with the unrivaled best of breed talent, programming, data, and expert analysis.

About XEPRS The Mightier 1090 AM. About The Mightier 1090 AM – The Mightier 1090 has one of the most powerful radio station signals in North America with almost 80 years of radio broadcasting history. The 1090 AM station's signal covers a population of over 24,000,000 people up from the Baja to San Diego to Orange County to Los Angeles and all into the Central Coast. The 1090 AM station is planning to be back "on-air" this summer.

SportsGrid Media Contact. Charles Theiss, [comms@sportsgrid.com](mailto:comms@sportsgrid.com) SOURCE SportsGrid Inc.

**Mike Sanburn** sends along the following from **Mike Cherry** of Salt Spring Island BC via the IRCA groups.io dated 8/13/20:

600 CKSP Vancouver BC signed on today using varying power levels as it tests its new transmitter and antenna combiner in tandem with co-sited 980 CKNW. I don't think it's used full power yet. CKSP will be 50 kW day, 20 kW night into a two-tower directional array. Using imaging slogan "Sher-E-Punjab radio" programming will be South Asian Indian languages – Punjabi and Hindu. "Sher-E-Punjab" up to now has been airing on cross-border 1550 KRPI Ferndale WA as an LMA for the past several years. It's likely a new LMA programmer will program KRPI now that Surrey BC based "Sher-E-Punjab" has its own facility.

**Mike Sanburn** sends along the following from **Paul Walker Jr** via the IRCA groups.io dated 8/17/20:

KFOY 1060 Sold Back to Lotus, 1180 KCKQ Gets Deleted (both stations in Reno NV-Sparks NV market-ye ed)

It looks like the talk programming from 1180 will simply move over to 1060. Having one more station would put Lotus over the cap, the day signals at 5kw day ND for 1060 and 4KW Day ND for 1180 aren't much different... but 1060 is 500W 2 towers night, not very directional and 1180 is a 2 tower very directional missing a lot of the city (with a) 190 watt night signal.

(**Dennis Gibson** of Salinas CA adds to this subject dated 8/17/20): Those two stations are part of a quadplex with KPLY-630 and KHIT-1450.

**Tim Hall** of Chula Vista CA sends along the following via the ABDX Groups dated 8/18/20:

Looks like XELFFS-980 Izúcar de Matamoros, Puebla (replacement for XEFS which moved to FM several years ago) is on the air. Right now on their web stream they are playing a NICE program of tropical big band music and announcing 5kW. <http://www.migente980am.net/>

**Paul Walker Jr** sends along the following via the ABDX Groups (also sent by Mike Sanburn) dated 8/19/20:

KNAM 1490 Silt CO Format Change. It was sports, it's now classic hits as "The Monkey", feeding three translators, including the primary 95.7 Grand Junction.

Want to wish Mike Sanburn a belated 60<sup>th</sup> B-day, his was the 15<sup>th</sup>, mine was the 5<sup>th</sup>, we're both 60! Looks like there might be a DX test scheduled tonight from WCSZ-1070 SC, 1<sup>st</sup> of the season, might be able to hear it here in NM, we'll see. Conditions are definitely getting better, logged WDAY-970 ND recently here in NM. And I saw my first roadrunner in my backyard since I moved here in January the other day! We do have lizards and hummingbirds also, so wildlife abounds here. Hope your wild life is hearing new stations, report them to your respective columns. 73's. **Bob Wien**



Yet another new AM station on the air in Canada! Last issue it was CHAH-580 Edmonton and this issue CKSP-600 Vancouver that is testing. A purist might argue that neither station is new, since both frequencies were occupied in their current locations in the past. Both stations, however, are newly licensed by the CRTC with no reference to the previous stations on those frequencies, or their owners, with all new equipment and sharing towers with other stations since the previous sites were not available to them. CISL-650 is using the old 600 site; and recent annexations by Edmonton and the Town of Beaumont make the former CKUA-580 transmitter site ripe for future development, so CHAH moved to the nearby CBX-740 towers.

The CRTC has fallen behind on license renewals due to COVID-19, which necessitated short term renewals of a large number of AM and FM station licenses that would have expired August 31, some to February 28 2021 and others to August 31 2021.

The Facebook page Canadian Radio News by **Dan Sys** provides much of the information for this column.

- 600 BC Vancouver CKSP First heard testing the afternoon of 8/13, with continuous Punjabi music, either on night pattern or with severely reduced power. On 8/14, they were simulcasting CISF-FM's HD2 channel, Desi Mix Radio, which is also Punjabi music, but with IDs. [fccinfo.com](http://fccinfo.com) indicates the night pattern has a broad lobe to the ENE but almost no power in other directions.
- 980 BC New Westminster CKNW No longer expected to be off the air during the evening hours as it was prior to CKSP's full-time testing. CKSP shares two of the four CKNW towers in the Cloverdale area of Surrey.
- 1260 NB Fredericton CKHJ Applied to run non-directional at night, even though it requires night power to be reduced from 10,000 to 32 watts. Day power and pattern will remain 10KW non-directional. The technical brief states that 32 watts is the equivalent of the deepest Null, towards the southwest, in the current figure-8 directional pattern. Fredericton is only about 50 air miles from the US border.

100 Years Ago – on August 28 1920, the Canadian National Exhibition opened in Toronto. The National Railways exhibit included a radio station with regularly scheduled daily broadcasts of concerts on phonograph records from a transmitter in one building to a receiver in another building for visitors to hear. The broadcast was also heard three and a half miles away, where newspaper men and others were gathered.

75 Years Ago – on September 3 1945, CFOR-1450 Orillia ON officially launched with 250 watts, after moving from Parry Sound where it had existed since 1942 as CHPS. The end of World War II spelled an end to Parry Sound as an important manufacturing town and, with it, dashed all hopes of getting telecommunications capable of providing a network feed from the CBC. Orillia already had the necessary telecommunications and CFOR became a CBC Affiliate in 1946.

50 Years Ago – in 1970, CKLW-800 Windsor ON had two and a half million listeners, according to Arbitron, making "The Big 8" the seventh most listened to radio station in North America, trailing stations in New York City and Chicago: WABC-770, WOR-710, WCBS-880, WLS-890, WGN-720 and WINS-1010.

25 Years Ago – on September 7 1995, CFRY-920 Portage la Prairie MB was granted a license for a 27KW FM repeater, CFRY-1-FM, to provide night-time coverage South of the city, because the AM's night pattern has a tight Null to all points South. An exception to the CRTC's long-time ban on simulcasting AM on FM. The repeater became CHPO-FM in 2013, and is no longer simulcast with CFRY.

Zero Years Ago – on August 13 2020, the CRTC announced an October 13 hearing to decide on the pending sale, for nearly \$7 million, of CKER Edmonton AB to CJCN-FM Surrey BC. CKER was Alberta's first multilingual station when they signed on to 1480 with 10KW 40 years earlier. They moved to FM in 1994.



**WDXR DEADLINES:** Thursday Sept. 3, Sept. 17, Sept. 24, Oct. 1, Oct. 8, Oct. 15, Oct. 22, Oct. 29, Nov. 5, Nov. 12. Please use Eastern Local Time. For reporters in AK, AZ, CA, CO, HI, ID, MT, NV, OR, UT, WA, WY and the Canadian provinces of AB, BC and the Yukon Territory.

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GE Superadio 2, Sangean DT 160

**OF SPECIAL INTEREST**

- 600 CKSP **BC**, Vancouver 8/13 signed on today with Punjab format. No calls heard as yet but slogans "Sher-E Punjab" with Indian music. Noted tonight 8/14 0015 strong 50kw day/20kw at night, two tower directional pattern per Mike in NC. Pretty much block the frequency to the north. Mike also reports they are using the CKNW 980 site. (PM-OR)
- 540 ?KWMT? **IA**, Fort Dodge 8/18 0055 too weak under CBK to be sure it was KWMT, but several DXers reported them running day power that evening. (JP-AB)
- 560 KWTO **MO**, Springfield 8/15 briefly good over a weak and nulled KLZ. 0100 out of a spot with "93.3 and 560 KWTO Springfield" legal ID. New logging, number 708 from Mesa. (JCJ-AZ)
- 580 ?CHAH? **AB**, Edmonton 8/11 Punjab type format under KIDO, but so far, no ID. Man in what sounded like a Hindi type language at 0223. CKUA used to be common in the winter so hopefully I can ID this. (PM-OR)
- 590 KSUB **UT**, Cedar City 8/16 0859 "KSUB Cedar City" and to Fox Radio network news, good at sunrise. (RB-AZ)
- 650 KMTI **UT**, Manti 8/15 2300 live high school football p-b-p, very good reception. (RB-AZ)
- 820 WBAP **TX**, Dallas 8/16 0117 running Red Eye Radio, with some KGNW mixing, even when nulled. During a night of much better than usual reception of Texas area stations, including KRLD, WOAI, KGOW and XERF; normally all but XERF are buried by other stations on the same frequencies. (JP-AB)
- 840 ?CKBX? **BC**, 100 Mile House 8/13 with country music "Country 840" 0708. Mixed with possible CFCW with the DJ talking about past country stars, but no ID caught for CFCW. Logged many times on 790 in the old days. (PM-OR)
- 930 KHJ **CA**, Los Angeles 8/15 0600 ID to talk show, religious issues, "Our Lady" sightings. (RB-AZ)
- 960 KFLN **MT**, Baker 8/11 good signal in local KKNT null. 0057 with mention of 960 and 98.7 FM along with "KFLN, KFLN, KFLN" ID into country music. 0100 with "960 KFLN, Baker" ID into Fox News. Station may have been on daytime power. First time heard in 6 years. New. (JCJ-AZ)
- 980 CKNW **BC**, New Westminster 8/16 0055 with ad mentioning Langley, a Vancouver suburb, so back on the air again after several evenings off the air in preparation for CKSP-600 testing from the same tower site. (JP-AB)
- 1080 KRLD **TX**, Dallas 8/16 local newscast with male speaker with Texas accent, ending at 0106:15 with "Right now, it's 90 degrees at KRLD" and a reference to the next program having been previously recorded. Antenna to SSW with slow fades, but sometimes all alone. (JP-AB)
- 1140 KNWQ **CA**, Palm Springs 8/10 2205 good with spot for Mercedes Benz of Palm Springs. (MS-CA)
- CHR **AB**, High River 8/16 0300 completely blanketing the channel, good ID. (RB-AZ)
- 1170 KCQB **CA**, San Diego 8/16 0945 well after local sunrise with ID and mention of "San Diego dot com," then faded clear out. (RB-AZ)

- 1200 KPSF **CA**, Cathedral City 8/17 0858 ID by woman "KPSF AM Cathedral City" and mention of the FM "One hundred point nine" FM. Steady and strong with WOAI gone. (RB-AZ)  
 WOAI **TX**, San Antonio 8/16 0114 fading in and out with antenna SSW, mostly mixing with KFNW but some CJRJ. (JP-AB)
- 1210 KHKR **UT**, Washington 8/14 2130 first high school football log of the season. We were wondering if there would be HSFB this year, and I didn't realize games were scheduled already, so this was a pleasant surprise. Manti Templars vs Crismon Cliffs Mustangs. Breaking from HSFB to p-b-p string of local ad spots ("Area Code 435"), ID at 2148. Found during pre-sunset dial scan on big Grundig Satellit receiver. Very strong, near local quality signal. (RB-AZ)
- CFYM **SK**, Kindersley 8/13 good with old rock, ID at 0700 as "CFYM, Kindersley", a Golden West Station." (PM-OR)
- 1230 CJNL **BC**, Merritt 8/13 good on top of the jumble at 0650 with many "N-L" and "Radio NL" promos //610. Not new, but it has been along time since I have heard them. (PM-OR)
- 1260 KSUR **CA**, Beverly Hills 8/18 0840 "LA's Oldies, K-Surf." Solid and alone until 1855 when they began going over/under "The Rattler" (KBSZ). Heard on GMC Sonoma dashboard rig. (RB-AZ)
- 1280 KZNS **UT**, Salt Lake City 8/16 0918 "97-5 FM and 1280 AM, KZNS The Zone" to sports talk program promo, Doug Gottlieb. (RB-AZ)
- 1310 \*KKNS\* **NM**, Corrales 8/6 2353 test program booming into southern California. Classical music Beethoven's Fifth Symphony. Numerous IDs with laser effect "This is 1310 AM KKNS Corrales, New Mexico." (MS-CA)
- 1340 KKGK **NV**, Las Vegas 8/14 0700 fair with string of ads and ID. (MS-CA)
- 1390 KENN **NM**, Farmington 8/20 0049 legal ID by man, returned to syndicated program. (RB-AZ)
- 1560 KGOW **TX**, Bellaire 8/16 0100:55 male English speaker doing legal ID just before 0101. Sounder (brief burst of music) for what sounded like a network newscast in Vietnamese. All alone with antenna SSE. Helped, no doubt, by the absence of KKAA, which recently surrendered their license to the FCC. (JP-AB)

Thank you for the WDXR reports! – Nancy 8/21 1700



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

### RIDING GAIN

- [EB-MO] **Eric Bueneman**, Hazelwood MO **NOUIHEric@gmail.com**  
 CountyComm GP-5/SSB Gen 3 Ultralight receiver, Grundig AN-200 tunable loop, Yaesu FRG-7, Worcester Space Magnet II
- [WE-TX] **Ward Elliott**, Dallas TX **dward759@yahoo.com**  
 PL 600, PL 380, PR-D5, PR-D4, ATS-803A, TCF-Antenna, MFJ-16010, 75' random wire.
- [GH-IL] **Gregory Harris**, Park Forest IL **wdx8khy@sbcglobal.net**  
 FRG-100, Quantum Loop
- [JN-TX] **James Niven**, Austin TX **jniven@austin.rr.com**  
 ELAD S2, Perseus SDR, Drake R8, DKAZ (East-South), 140' x 23' high.
- [RW-NM] **Robert Wien**, Albuquerque NM **wienbob@aol.com**  
 C-Crane Radio

### DOWN THE DIAL

- 570 WKBN **OH**, Youngstown. 8/13 fair, some interference. 0210 with "News-talk 570 WKBN" by male announcer. [GH-IL]
- 600 WSJS **NC**, Winston-Salem. 8/8 fair, rapid fading, no WMT. 2345 with local spots, slogans mentioned "Home of the Triad". New [GH-IL]  
 CKAT **ON**, North Bay. 8/16 briefly strong, then gone, no WMT. 2250 with "Country 600" slogan. New. [GH-IL]
- 610 WTVN **OH**, Columbus. 8/14 fair, some interference. 0700 with "News-talk 610 WTVN" ID. [GH-IL]
- 620 WJDX **MS**, Jackson. 8/4 fair to good signal mixed with KTNO. 2159 with "WJDX Jackson an iHeart radio station" ID. Relog. [JN-TX]
- 730 KLOE **KS**, Goodland. 8/4 fair signal under CKDM. 0301 with male announcer giving local weather, mentioned KLOE. New. [JN-TX]  
 CKDM **MB**, Dauphin. 8/4 fair to good signal. 0302 with out of music with "Parkland's Best Music... CKDM 730..." then gone. New. [JN-TX]
- 760 KDFD **CO**, Thornton. 8/4 fair signal under WJR. 0300 with male and female announcer bouncing ID "...freedom... real talk... KDFD Thornton, Denver an iHeart radio station" into Fox News. New. [JN-TX]
- 900 KFAL **MO**, Fulton. 8/4 fair to good signal under WKDA. 0101 with male announcer saying, "Your favorite country music stars from yester and today... the Big... KFAL Fulton" ID into ABC News. New. [JN-TX]  
 KREH **TX**, Pecan Grove. 8/4 fair to good signal. 2158 noted with Vietnamese programming. Relog. [JN-TX]  
 WKDA **TN**, Lebanon. 8/4 fair signal. 0001 with oldies format, then male announcer with "You have found the great American song play, AM 900 and FM 98.3, W...." New. [JN-TX]
- 910 KJJQ **SD**, Volga. TENTATIVE. 8/8 through 920 local station signal splashes. 0707 with classic country format. "Classic Country 910 AM KTZQ or KPZQ" sounding ID. Loop NE/SW, CKDQ is in the wrong direction for loop, this is the only station looped NE/SW that makes sense. [RW-NM]
- 930 KDET **TX**, Center. 8/4 good signal on top of 930. 2302 with male announcer "Serving... Texas with news and talk since 1949, KDET 930 AM Center and Nacogdoches and online at cbc-radio(dot)com." New. [JN-TX]
- 940 KPSZ **IA**, Des Moines. 8/4 fair signal, alone on 940. 2101 with religious music format, male announcer with "...Hope 940 KPSZ Des Moines..." back to music. Relog. [JN-TX]  
 KTFS **TX**, Texarkana. 8/4 fair to good signal with fades. 2059 with male announcer "KTOY Gospel 105.9" into Gospel music. Relog. [JN-TX]
- 970 KIXL **TX**, Del Valle. 8/8 0359 with "KIXL Del Valle hospita" into Relevant Radio Catholic programming. [WE-TX]  
 WDAY **ND**, Fargo. 8/17 surprise on top of 970 in XEJ null. 0306 with ABC News, weather for Fargo, "53 at 970 WDAY" ID into Red Eye Radio. Faded out. Their pattern is mostly WNW, but they do put some power this way nulling at night to ESE. New. [RW-NM]
- 980 KSGM **IL**, Chester. 8/14 fair signal over WYFN and other stations. 0247 noted with Classic Country format, "Classic Country Nine-80 and 105-point-Three KSGM" ID. 105.3 refers to K287CE Sainte Genevieve MO. [EB-MO]
- 1030 KCWJ **MO**, Blue Springs. 8/4 good signal. 2359 with female announcer "Real Country 1030 KCWJ Blue Springs" ID. Relog. [JN-TX]
- 1060 KNLV **NE**, Ord. 8/4 fair to good signal. 0301 out of oldies music with "We're KBLV Ord" into ABC News. [JN-TX]
- 1140 WBXR **AL**, Hazel Green. 8/16 fair to poor signal, mixing with KHFX, WVHF; no sign of WRVA. 0601 poked through with "AM 11-40 and 101-point-Three FM" mention. [EB-MO]  
 WVHF **MI**, Kentwood. 8/16 fair to poor signal, mixing with KHFX; no sign of WRVA. 0552 noted with the Holy Rosary broadcast, "Holy Family Radio" mention in promo. [EB-MO]
- CHRB **AB**, High River. 8/6 fair to good signal. 0208 with "Alberta's community radio" mentions. Religious music format. Matched webcast. [WE-TX]
- 1180 WJNT **MS**, Pearl. 8/4 with fair signal. 0000 with male announcer saying "...WJNT Pearl, Jackson..." into Fox News. Relog. [JN-TX]
- 1190 KDMR **KS**, Kansas City. 8/4 fair signal. 0259 with Catholic Radio Network and mention of Kansas City, local weather by male announcer. Relog. [JN-TX]
- 1210 WMPS **TN**, Bartlett. 8/4 good signal over KGYN. 2158 with "12-10 WMPS Bartlett, Memphis" ID by male announcer. Relog. [JN-TX]
- 1220 KGIR **MO**, Cape Girardeau. 8/14 fair to poor signal, mixing with WLPO, WSLM. 0305 noted with *ESPN Sports Center All Night* with talk on the NBA, ESPN promos and local spots. [EB-MO]  
 KMVL **TX**, Madisonville. 8/4 with good level signal. 2158 with Adult Standards format. Have not heard this one in a while. Relog. [JN-TX]
- 1230 WBBZ **OK**, Ponca City. 8/4 fair signal. 0200 with male announcer saying "Oklahoma's legendary AM 1230 WBBZ Ponca City, Oklahoma" ID into CBS News. New. [JN-TX]
- 1240 KDOK **TX**, Kilgore. 8/4 fair to poor signal. 2301 with male announcer "KDOK 1240 AM 105.3 FM Kilgore and 101.9 Longview..." Relog. [JN-TX]
- 1310 KKNS **NM**, Corrales. 8/8 0635. The station has been testing for a few days to keep station license. Non-stop Classical/Opera music 24/7. IDs between classic pieces, "This is AM 1310 KKNS Corrales, New Mexico" (laser blast sounder). Station got out well, reported from Arizona and California and by others. [RW-NM]
- 1350 KHDY **TX**, Clarksville. 8/11 fair level on top 1350. 0500 with male announcer "Your home for the Texas Rangers, 1350 KHDY in Clarksville and 99.3 K257GD Clarksville" ID into Fox Sports News. New. [JN-TX]

- 1370 KWRT **MO**, Boonville. 8/14. 0250 to 0306. Mentioned kwrt(dot)com website and "Boonville... KWRT worldwide" ID into country music. [WE-TX]  
 WCCN **WI**, Neillsville. 8/20 fair to poor signal, mixing with KDTH, WSPD and other stations. 0205 noted with weather forecast, "WCCN" ID into Adult Standards format. [EB-MO]
- 1400 KGMV **MO**, Springfield. 8/15 fair to poor signal, mixing with KWYN, WGIL and other stations. 0546 noted with "Springfield's sports station, 14-Hundred Fox Sports" ID into Fox Sports Radio. [EB-MO]  
 KGVV **TX**, Greenville. 8/11 on top 1400 with good signal. 0500 with "Eve Radio Network, KGVV Greenville, 105.9 FM and 1400 EZ Rock" ID by male announcer. Relog. [JN-TX]
- 1410 KOOQ **NE**, North Platte. 8/8 good signal faded to others eventually. 0700 with oldies format. "98.1 and 1410 AM, we're KOOQ North Platte" ID. Spot mentioned northplatte(dot)com. [RW-NM]  
 WIZM **WI**, La Crosse. 8/8 briefly strong, then gone. 0058 with "Crosstalk on WIZM" by male announcer. [GH-IL]
- 1430 KLO **UT**, Ogden. 8/8 very strong way on top of 1430. 0630 with "Unforgettable 1430 KLO" ID. Station is still carrying nostalgia format/Station is being sold and will change to a religious format. [RW-NM]  
 WFOB **OH**, Fostoria. 8/17 briefly out of noise then gone. 2030 with "WFOB 1430 AM... FM" ID. [GH-IL]
- 1440 KRDZ **CO**, Ray. 8/17 on top of 1440. 0300 with an interesting signoff. Mentioned they would be back on at 4:40 AM "...until then, good night from 1440 KRDZ Wray, Colorado." Not uncommon here, but strange sign off/sign on times. [RW-NM]
- 1460 KBRZ **TX**, Missouri City. 8/18. 2315 with ethnic programming, Arabic violins, Hindu singer, Islamic prayer song, Indian drums with distinctive dwoop dwoop sound along with Hindu singer. Noted matching web stream. [WE-TX]  
 KXNO **IA**, Des Moines. 8/18 mixing with KZNT. 0521 with "1460 KXNO... 103 FM" in Fox Sports programming, 0524 with "This is 1460 KXNO" in promos, Bin Mallard. [WE-TX]  
 KZNT **CO**, Colorado Springs. 8/18 0319 with "Colorado Springs AM 1460 FM 101.1 The Answer" slogan. Noted Dennis Praeger and Larry Elder programs later. Never heard an ID. [WE-TX] (ed-station does ID on the hour, it's a regular pest here in Phoenix.)
- 1580 WAMY **MS**, Amory. 8/4 poor signal during KHGG dead air. 0059 male announcer with "WAMY..." ID then lost to KGAF. New. [JN-TX]  
 WVOK **AL**, Oxford. 8/4 fair signal with KHGG dead air, buried under KHGG when they returned. 0159 with male announcer "AM 1580 WVOK Oxford, Anniston. A Woodward Broadcasting Company" ID. New. [JN-TX]  
 +8/06 and also on the 7<sup>th</sup>. Mixing with KWED for a while. 2322 with "AM 1530 WVOK" into Gospel, later noted with classic rock. Many IDs. [WE-TX]

**UnID**  
 1290 UnID 8/8 UnID station at 0644 with nostalgia type music, strong signal over KCUB. Faded out rapidly, looped E/W. May have been KIVY or KMMM. [RW-NM]

#### OPEN MIKE

Thanks to Eric, Gregory, James, Robert, and Ward for reporting this week. The next CDXR deadline is 9-3-20. The new IRCA DX Contests starts September 1<sup>st</sup>. This year's contest will give newer DXers an advantage. Be sure to join. No Flashback section this issue because DX Monitor was only published one time in August during the early years. IRCA members in AR, IL, IN, IA, KS, LA, MN, MS, MO, NE, NM, ND, OK, SD, TX, WI, MB, SK, and NWT report to CDXR. All times are Eastern, loggings over one month are tossed, Mexican stations are to be reported to DXWW. This column was typed 8/21/20. 73, John



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

Report to this column if you live in AL, CT, DE, DC, FL, GA, KY, ME, MD, MA, MI, NH, NJ, NY, NC, OH, PA, RI, SC, TN, VT, VA, WV, NB, NF, NS, ON, PEI, QC or NU.

#### TUNING THE DIALS THIS ISSUE:

(PS-ON) Paul Snider, London ON, Canada paulisnider@yahoo.ca  
 Elad FDM-S2 software-defined receiver, Wellbrook ALA1530LN loop, MFJ-1020C as a tuner

#### ACROSS THE DIAL

- 1080 WUFO **NY**, Amherst – 8/16 2344 noted with instrumental Jazz, possible ID at 2346 into another music set. A fair to poor signal was heard; confirmed via Tune-In Web stream. First time heard in London. (PS-ON)  
 1210 KUBR **TX**, San Juan – 8/18 2234 noted with vocal Christian music in Spanish, some instrumental music, "La Nueva Radio Cristiana" ID in Spanish at 2344. A poor to very poor signal was heard, mixing with WPHT; confirmed via Tune-In Web stream. First time heard in London. (PS-ON)  
 1570 WPTW **OH**, Piqua – 8/21 2306 noted with a Classic Hits format, featuring selections by Donna Summer and Paul Young, "WPTW, home of ABC News now" ID at 2312. A poor to very poor signal was heard, mixing with other stations; first time heard in London. (PS-ON)

#### EDITOR'S NOTES

Thanks to Paul for his logs this fortnight. We're into a new volume' that reminds us that DX season is just around the corner! This summer, I've been upgrading equipment in the shack; I even bought a software-defined receiver. Are you planning a DXpedition? Fall is the perfect time to take your radios into the field and see what you can hear. 73 and good DX from NØUIH, the Florissant Valley Dial Twister.



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

**New Deadline** – Sunday 1200 UTC.

#### \*\*\* TROPICAL BAND DX \*\*\*

- 4840 **USA** WWCN, Nashville TN. AUG 15 0950 – Brother Ralph G Stair, the overnight voice of the tropical bands, mixing religion with doom and gloom, talk on Revelations, S-9. Hammered by blasts from OTHR (HF Radar). [RB-AZ]  
 5025 **CUBA** Radio Rebelde, Bauta. AUG 13 0230 – Program with a lot of Cuban Salsa/Jazz – very good. [RB-AZ]

#### CONTRIBUTOR

RB-AZ **RICK BARTON**, Sun City AZ  
 R-1000, RS SW-2000629 (rebadged ATS-505), Satellit 205/T 5000, longwire and outdoor slinky; (Away from the shack) ATS-909X and 9' vertical.

Thanks Rick! Please notice I have a new deadline, Sunday's at 1200 UTC. 73 and Good DX, Brandon



**DXpeditions** – Phil Bytheway – 9705 Mary Ave NW – Seattle WA 98117-2334  
 DXM.EiC@gmail.com Unless otherwise noted, all contributions are from the IRCA eGroup

#### Freakish Longwave Propagation on the Lucky 13th at Rockwork (Gary DeBock – daily updates, some duplication may occur!)

The final Rockwork 2020 session featured a real barn burner on Longwave, with both Alaskan and South Pacific NDB's at legendary levels. Live DXing under such conditions can be thrilling, but unfortunately you can only point an FSL antenna in one direction. I chose the South Pacific flea-powered NDB's – and they certainly didn't disappoint!

Managing the most astonishing trip of the entire DXpedition, the 25 watt New Zealand aeronautical beacon 362-WK in Whakatane, New Zealand crossed 6,846 miles (11,017 km) of ocean and showed up with a perfectly readable signal (linked below) on the 12 inch (30 cm) Longwave FSL at 1315. Reception of this flea-powered beacon in North America is so rare that it has only been received by two other DXers in history – with any equipment. One was Tom Rothlisberger last year, using his SDR and broadband loop at this same Rockwork 4 DXpedition site.

The 50 watt New Zealand beacon 366-SF in Springfield, New Zealand also made a return appearance at 6,822 miles (10,977 km), as did 346-TG in Tauranga (6,857 miles/11,034 km) and the semi-regular 238-KT in Kaitiaki. The S9+ signal from 320-AI in the Cook Island of Aitutaki was one for the ages – blasting in at a science fiction level.

Thanks again to my DXpedition partner Tom for posting a detailed list of his record South Pacific NDB-DXing results last year (during Rockwork 2019) at <https://www.qsl.net/k7wv/RockworkDX6.htm>

Without his results (including many North American firsts) I wouldn't have a clue about which South Pacific NDB's to chase with my extremely basic gear. Rockwork is a Longwave NDB-DXing paradise!

- 362 **NEW ZEALAND** WK, Whakatane, 25 watts!! Across 6,846 miles of ocean, this is probably the best DX catch that I've ever made with Ultralights and FSL's at Rockwork. The Morse code ID (at 1315 on 8/13) is "di-dah-dah dah-di-dah" <https://dreamcrafts.box.com/s/excs4zktu7gt6hrrhj9lh9aeb2wi848>
- 320 **COOK ISLANDS** AI, Aitutaki. Blowtorch signal demonstrating the freakish Longwave propagation at 1307; my wife and I had a vacation at this island in April of 2018, and it was gorgeous! <https://dreamcrafts.box.com/s/83kn9n4tvusd0vjrm2dbzoxn0odbt02c>

### Rockwork Ocean Cliff DU's for the Lucky 13th

8/15. Exceptional Longwave propagation during the DXpedition's final day gave a powerful boost to both the Kiwi stations on 531, as well as 558-Fiji and other low banders. With the ocean cliff delivering up 25 watt and 50 watt New Zealand beacons on Longwave the AM-DXing effort was mostly a remote control operation, with four sensitive FSL antennas recording 531, 558, 657 and 936 for the duration – and all coming up with S9 signals. Australian interlopers crashed the Kiwi regulars on both 657 (Star) and 936 (Chinese Voice) at times, resulting in wild S9 frequency fights. 657-Star was still going through echo and reverb issues on the final day, seemingly still indicating a synch issue between Wellington and Christchurch (IMHO).

I really wish that all TP-DXers could hear just a few of these monster DU signals on the side of a plunging 500 ft. (150m) ocean cliff during a sunrise session, looking out over the sweeping Pacific Ocean from the highly elevated Rockwork 4 perch... it would provide a permanent cure for any hobby boredom!

- 531 **NEW ZEALAND** More FM, Alexandra, 2 kW. Obscure Kiwi rocker rides the Longwave boost to near S9 level at 1253, with female ID at 3 seconds <https://dreamcrafts.box.com/s/mn1v7f0hnbzee0ckrnaa6lpscl2dr6en>
- NEW ZEALAND** PI, Auckland, 5 kW. Female Samoan speech at S9 level at 1309 <https://dreamcrafts.box.com/s/28nmv6la5axbint83hsk5ptj01uc02s>
- 558 **FIJI** Radio Fiji One, Suva, 10 kW. Fiji Island music at a powerful and stable level throughout most of the session, with this sample at 1311 <https://dreamcrafts.box.com/s/hboqcg79rsthi3likulemfjkalvyjghv>
- 657 **NEW ZEALAND** Star, Wellington/Tauranga, 50/10 kW. Reverb issue on full display at 1259, leading into Star News. Was previously blitzed by Oz interloper 2BY around 1250, causing a big frequency fight <https://dreamcrafts.box.com/s/q321upqvvi28spxwb0zswr5f517t26h>
- 936 **NEW ZEALAND** Chinese Voice, Auckland, 1 kW. The low powered Chinese station starts off at S9 at with the Kiwi Cliff propagation, only to be blitzed by Oz interloper 4PB (also at S9) after about a minute, resulting in the wackiest snarling mess of the entire session <https://dreamcrafts.box.com/s/zipzgp6p4ltdg7chffnau3rh>

### Marathon Ultralight Radio Track Down of 362-WK (25 watts at 11,017 km)

If anyone ever wondered why a DXer would want to set up on the side of a plunging ocean cliff at 0500 local time and go all-out to track down "impossible" transoceanic DX on "hopelessly" humble gear, the Rockwork ocean cliff on the Oregon state coast delivered a perfect example on August 13<sup>th</sup> – the last day of my DXpedition with Tom Rothlisberger.

The Longwave NDB-DXing hobby is based on advanced SDR receivers and state-of-the-art filters, which can track down and isolate extremely weak NDB's at long range when assisted by large broadband loop antennas. On the other hand the Ultralight Radio NDB-DXing hobby is based on a cheap, AM-mode-only \$50 pocket radio, which gets somewhat of a boost from a 12 inch (30cm) diameter Longwave FSL antenna if a live DXer is lucky enough to track down a long range beacon during good propagation while stuck in the AM mode (with a wimpy DSP filter, which allows reception of anything within 3 kHz). So why does this wacky hobby exist? Because of the supreme challenge of tracking down any long range Trans-Equatorial NDB's with such basic gear, and the supreme feeling of accomplishment when you beat all the odds and score a rare success.

On August 13th the South Pacific longwave propagation was exceptional at the cliff, and I knew I had a fighting chance to score some choice DX with the Ultralight + FSL combo. I had uploaded a list of Tom's record-breaking 2019 South Pacific NDB results into my phone, and during peak propagation the New Zealand and Cook Island beacons seemed to be scoring big, while others were MIA. The 50 watt flea-powered New Zealand beacon 366-SF in Springfield had just made a return appearance at a weak level (after 8/8) at 6,822 miles (10,977 km). So why not push my luck for all it's worth and go after a 25 watt beacon in the same area – 362-WK in Whakatane? (6,846 miles/11,017 km)

On 362 kHz there was indeed some weak Morse code from the South Pacific, but even after 2 minutes I still couldn't be completely sure of the call letters in the wickedly noisy ocean cliff environment. The signal seemed to tank just when I had identified a "W," and I thought my chances might be toast. But the weak signal came back gradually, and while going through this marathon I thought to myself, "WK must stand for "weak!" But finally there was a boost in signal strength, and I could clearly make out the "WK" signal identification after the thrilling 3 minute marathon (which was fully recorded, and is posted at the following link for those who wish to relive the excitement of the ultimate live DXing challenge without the ocean cliff's 18-wheeler noise, which made it much more difficult at the time) <https://dreamcrafts.box.com/s/xjhugy27gzmza3zdjdw3hysrz9lf4qk>

25 watts at 6,846 miles – I almost felt like jumping into the Pacific for joy!

### Rockwork Ocean Cliff DXpedition – Memorable DU Reception

8/18. Tom Rothlisberger and I had the thrill of conducting the tenth annual Rockwork Cliff DXpedition this month, and once again lucked out with some exceptional South Pacific signals, especially on Longwave. 25 watt and 50 watt New Zealand Longwave aeronautical beacons were received on an Ultralight + FSL antenna combo, while other beacons in the Cook Islands, Micronesia and Alaska managed S9 levels. 558-Radio Fiji One had the best signal that any TP-DXer seems to have heard so far on the west coast, while 558-6WA in Wagin, Western Australia was received at over 9,153 miles (14,736 km) at a good level.

The recordings below were all special for a reason – either a very strong signal, very low power or over a very great distance. Recordings which reached an S9 level are identified with a double asterisk (\*\*). The ocean cliff was an awesome place for Tom and I to relax and enjoy the hobby right in the middle of the Pandemic – and also to enjoy the record-breaking transoceanic propagation to New Zealand and the South Pacific islands. Rock on, Rockwork!

- 277\*\* **ALASKA** ACE, Homer. Semi-rare Alaskan beacon had no trouble reaching an S9 level at 1158 on 8/12; this was typical when Alaskans had the NDB edge at Rockwork <https://dreamcrafts.box.com/s/fmtrbam2hyxe7y558kvtkwz5x2hdm5x>
- 320\*\* **COOK ISLANDS** AI, Aitutaki. Low powered airport beacon hit an awesome S9+ level during freakish Longwave South Pacific propagation at 1307 on 8/13 <https://dreamcrafts.box.com/s/83kn9n4tvusd0vjrm2dbzoxn0odbt02c>
- 362 **NEW ZEALAND** WK, Whakatane, 25 watts!! The freakish Longwave propagation on 8/13 at 1315 allowed reception of this flea-powered NDB across 6,846 miles (11,017 km) of ocean on a PL-380 Ultralight radio and 12" FSL antenna – quite a shocker! This was only the third North American reception of this beacon in history – on any equipment. The second was by my DXpedition partner Tom R last year at this same cliff (with a Perseus SDR and broadband loop) <https://dreamcrafts.box.com/s/excs4zktu7gt6hrrhj9lh9aeb2wi848>
- 366 **MICRONESIA** PNI, Pohnpei. Very good signal at the start of the session at 1212 on 8/09 <https://dreamcrafts.box.com/s/onm2ku8238l2a0eupnswmxoyzi5rrnfa>
- NEW ZEALAND** SF, Springfield, 50 watts. Another flea-powered signal boosted by the ocean cliff advantage and freakish Longwave propagation at 1312 on 8/08, resulting in a very good signal over 6,822 miles (10,977 km). Wacky! <https://dreamcrafts.box.com/s/ynbromyfcfor6lxwmrhy941pukhq3vu5>
- 531\*\* **NEW ZEALAND** More FM, Alexandra, 2 kW. Obscure Kiwi rocker gets a Longwave propagation boost to pound in at a monster level at 1251 on 8/08; female-voiced ID at 16 seconds: "More FM, hanging out, all night" <https://dreamcrafts.box.com/s/qf7gig0lccr24lq98y9zibzydw70noge>
- \*\* **NEW ZEALAND** PI, Auckland, 5 kW. Female Samoan speech at 1309 on 8/13 gets another Longwave propagation boost from freakish propagation, resulting in a blowtorch signal <https://dreamcrafts.box.com/s/28nmv6la5axbint83hsk5ptj01uc02s>
- 558 **AUSTRALIA** 6WA, Wagin, Western Australia, 50 kW. Female speech at a good level during an ABC program was matched to the ABC website at 1329 on 8/09, providing the longest range DX of the trip at 9,153 miles (14,736 km).
- \*\* **FIJI**, Radio Fiji One, Suva, 10 kW. Monster signal at 1312 on 8/05 with island music and a native language ID at 7 seconds: "Radio Fiji One, na domoiviti." This seems to be the strongest 558-Fiji recording ever made in North America, according to Chuck <https://dreamcrafts.box.com/s/ybwhzde15u5yjb2n9yqytlmcl3pl4819>
- 585\*\* **AUSTRALIA** 7RN, Hobart, 10 kW. Tasmanian ABC relay //792 seems to tap into the Kiwi propagation pipeline to reach an S9 level with female conversation at 1327 on 8/06 <https://dreamcrafts.box.com/s/u65zy7q5zkwsrmqbsylf80wwhskk4gcb>
- 603\*\* **AUSTRALIA** 2RN, Nowra, 10 kW. Bizarre reception as the ABC relay silences the Kiwi regular Radio Waatea to pound in at an S9 level all alone with female speech //792 at 1307 on 8/09 <https://dreamcrafts.box.com/s/5w13jz5haottgrpse2g1d0dbrkgb3sqx>

- 657\*\* **NEW ZEALAND** Star, Wellington/Tauranga, 50/10 kW. This is the "binary Star," with disastrous audio sounding like something straight out of China at 1302 on 8/11. Apparently a programming synchronization issue between the two transmitters, the problem was still in evidence during my last session on 8/13 <https://dreamcrafts.box.com/s/eaqxhm8bybd4ch80ibr2ozunt38j7ex2>
- 765\*\* **NEW ZEALAND** Radio Kahungunu, Napier-Hastings, 2.5 kW. As usual, an awesome island music signal for the power level from this overachieving Maori language station //603 at 1235 on 8/09 <https://dreamcrafts.box.com/s/qk7c4bmgu07f6rbxib861egpto0xor0>
- 936\*\* **NEW ZEALAND** Chinese Voice, Auckland, 1 kW. Chinese female speech at an S9 level demonstrates the strength of this Kiwi ethnic station, but it then gets blitzed by an overwhelming S9 signal from the Australian co-channel 4PB at 1315 on 8/13, resulting in the wildest frequency fight of the entire DXpedition <https://dreamcrafts.box.com/s/zipzgp3dft6p4ltdg7chffnaui3rh>
- 1017\*\* **TONGA** A3Z, Nuku'alofa, 10 kW. A daily blowtorch during the sunrise sessions, here is a typical signal with island music at 1251 on 8/07 <https://dreamcrafts.box.com/s/6fvm9i42tll17n7skya4o16k5gp07hai>
- 1107\*\* **NEW ZEALAND** Magic Talk, 5 kW. Male host and female caller pound in at overwhelming strength at 1255 on 8/05 <https://dreamcrafts.box.com/s/mcxmvmvakqalh3izhdlg4fs68vcffrxhb>
- 1503\*\* **NEW ZEALAND** Gold, Wellington/Christchurch, 5/2.5 kW. The old Radio Sport network was a victim of the CoronaVirus pandemic, and is now replaced by this rocking oldies-format network. It typically plays a little more energetic music than the Magic Network (702-738-891) competition. This recording at 1305 on 8/06 features an ID at 24 seconds which I think says "Gold, the greatest hits" <https://dreamcrafts.box.com/s/jm5gujou20zvlsh1yxttggvcu6f1es68>

### Rockwork Ocean Cliff DXpedition – Alaskan, Hawaiian and South Pacific Longwave Results

8/21. Right in the middle of the Pandemic I had the honor of sharing the Rockwork Ocean Cliff (2 miles north of Manzanita, Oregon on Highway 101) with my long time DXpedition partner Tom Rothlisberger from August 7-10, as well as on the 5th, 6th, 11th, 12th and 13th. The Longwave NDB-DXing results during this trip were exceptional, making it my most productive Longwave trip so far. Tom is a pretty fanatical NDB-DXer, and I'm a pretty fanatical FSL antenna tinkerer, so maybe this is the result when two fanatics interact with each other and get wacky DXing results?

The 13th featured Ultralight + FSL antenna reception of 362-WK in Whakatane, New Zealand, which at 25 watts has to be my best NDB catch ever at Rockwork. The combination of exceptional Alaskan and South Pacific reception on the 13th was something I had never experienced, resulting in bizarre situations like 390-HBT in Sand Point, Alaska becoming an S9 pest as I was trying for 390-HN in Hamilton, NZ. Overall the South Pacific NDB-DXing results during this trip were far and away my best results ever, with both the 25 watt 362-WK and the 50 watt 366-SF providing decent signals on the 12" Longwave FSL over 11,000 km of ocean from New Zealand. 327-VYI from Maui, Hawaii was also new for me from Rockwork, and the S9+ signal from 320-AI in the Cook Islands was breathtaking (although not new). Like I've shared with others, chasing long range Trans-Equatorial NDB's with a modified \$50 pocket radio and a 12 inch (30cm) FSL antenna on a plunging ocean cliff is so much fun that it seems like it should be illegal!

#### ALASKAN RESULTS

- 209 CYT, Yakataga, 1000 watts. S9+ at 1213 on 8/12 <https://dreamcrafts.box.com/s/6vct1n5v01qop79hpjuxfx0d393r7ry0>
- 233 ALJ, Johnstone Point Island, 1000 watts. S9+ at 1205 on 8/12 <https://dreamcrafts.box.com/s/88treei29qtsiarmr1xhvaqwlbdss52a>
- 245 HNS, Haines, 250 watts. About S7 at 1212 on 8/12 <https://dreamcrafts.box.com/s/bnitcm95p8j18rwy6i1674aii5mxbxbs>
- 266 ICK, Annette Island. S9+ (mixing with SLE) at 1211 on 8/12 <https://dreamcrafts.box.com/s/k7rx1kr13nn0kqvix5y482npvy6bdjdr>
- 277 ACE, Homer. Semi-rare beacon had no problem managing full S9 strength at 1158 on 8/12 <https://dreamcrafts.box.com/s/fmtrbam2hyxe7y558kvltkwz5x2hdm5x>
- 283 DUT, Dutch Harbor, 1000 watts. Sounding a little wimpy (S4) at 1208 on 8/12 <https://dreamcrafts.box.com/s/uet9w1azycfetaa3fy73nhv1eys6nymj>
- 385 OCC, Yakutat. S9+ at 1204 on 8/12; became a pest on 8/13 <https://dreamcrafts.box.com/s/wm5sbizlk45fpm7ku0h3bsdflazd1ztd>
- 390 HBT, Sand Point. S7 signal (as a pest) when FSL was directed at NZ at 1303 on 8/13 <https://dreamcrafts.box.com/s/lml8steegfjy8zn4tlfnrk72hi0hpmw>
- 394 RWO, Kodiak. S9+ at 1202 on 8/12 <https://dreamcrafts.box.com/s/8bvebgfumsgiaa4yld0xjzvf08wte54>

#### HAWAIIAN RESULTS

- 327 VYI, Kahului, Maui. About S5 at 1317 on 8/13; first time heard on the Ultralight + FSL at Rockwork <https://dreamcrafts.box.com/s/hz724gn2zvr0secmwlvlgw9hx17v36d>
- 332 POA, Pahoehoe. A daily S9+ blaster almost every morning, such as at 1207 on 8/13 <https://dreamcrafts.box.com/s/li9x8t51zzaqqoefpbwvey2vlmecs5v8>
- 353 LLD, Lanai, 2000 watts. The strongest blaster from the Pacific every morning, such as at 1310 on 8/13 <https://dreamcrafts.box.com/s/jl116dzkvlvd0i819d4zn61pwglfxfliut>

#### SOUTH PACIFIC RESULTS

- 238 **NEW ZEALAND** KT, Kaitia, 1100 watts. About S5 at 1311 on 8/13 <https://dreamcrafts.box.com/s/qpjgukrieszbb4kl9f9un958tf0826r5y>
- 346 **NEW ZEALAND** TG, Tauranga. About S3 at 1315 on 8/13 <https://dreamcrafts.box.com/s/ko53mokcos69avni3hoc0ha49qr8irti>
- 352 **COOK ISLANDS** RG, Rarotonga. Usually in the shadow of Hawaiian pest 352-LLD, but strong at 1310 on 8/13 <https://dreamcrafts.box.com/s/jl116dzkvlvd0i819d4zn61pwglfxfliut>
- 362 **NEW ZEALAND** WK, Whakatane, 25 watts. Amazing flea-power reception across 6,846 miles (11,017 km), and the best catch of the DXpedition. At peak strength it managed around S3 at 1315 on 8/13 <https://dreamcrafts.box.com/s/excs4zktu7gt6hrhjf9lh9aeb2wi848>. But reception wasn't easy, and it took a 3 minute live DXing marathon to finally make sure of the call letters on the noisy cliff (with 18 wheelers thundering by) <https://dreamcrafts.box.com/s/xjhugy27gzma3zdjd3w3hyrsz9if4qk>
- 366 **MICRONESIA** PNI, Pohnpei. This beacon would often start out a session at S9, then fizzle. It was at S7 strength at 1212 on 8/09, a South Pacific session with Tom that seemed to fizzle out early <https://dreamcrafts.box.com/s/onm2ku8238l2aoeupnswmxoyzi5rnrfa>
- NEW ZEALAND** SF, Springfield, 50 watts. First received at S5 level during the excellent 8/08 session with Tom at 1312, it made a return appearance on 8/13, but at somewhat weaker strength. This was definitely another New Zealand beacon bordering on science fiction, received with an Ultralight and 12" FSL antenna at 6,822 miles (10,977 km) <https://dreamcrafts.box.com/s/ynbromyfcfor6lxwrmhy941pukhq3vu5>

### Rockwork Ocean Cliff – Top Twelve Blasters from the South Pacific

This month at Oregon's notorious ocean side cliff the transoceanic DX propagation turned completely upside down from what we typically tolerate at our inland west coast locations. Not a trace of a single Asian station was heard for 9 days, but several South Pacific stations from Fiji, Tonga, New Zealand and Australia went on a romping rampage, continually testing the crunch resistance of the CC Skywave and XHDATA D-808 portables that I had brought along.

For the benefit of those who have yet to visit this wacky place, here is what can happen to trans-equatorial DX signals when you are not only high above the salt water, but enjoy an ocean cliff signal boost at the same time.

- 531 **NEW ZEALAND** More FM, Alexandra, 2 kW. This obscure Kiwi rocker is extremely rare DX away from the cliff, but with a Longwave propagation boost at 1251 on 8/08 it definitely gets your full attention. Female-voiced ID is at 16 seconds, "More FM, hanging out, all night" <https://dreamcrafts.box.com/s/qf7lg0lcr24lq98y9zibzdw70noge>
- NEW ZEALAND** PI, Auckland, 5 kW. Another low band Kiwi station with a Longwave boost at 1309 on 8/13, the female Samoan speech from the Pacific Island language station tests a portable's crunch resistance at 1309 on 8/13 <https://dreamcrafts.box.com/s/28nmv6la5axbint83hsk5ptj01uc02s>
- 558 **FIJI** Radio Fiji One, Suva, 10 kW. Fijian island music pounds in at S9+ at 1312 on 8/5 with a native language ID at 7 seconds, "Radio Fiji One, Na Domoiviti." Overall signals during this DXpedition were the best ever heard from this popular DX station <https://dreamcrafts.box.com/s/ybwhzde15u5yjb2n9yqytlmcl3pl4819>. More island music and native chant was at a similar blowtorch level at 1320 on 8/5 <https://dreamcrafts.box.com/s/jn5m9r3mwwd38fp15mzl87idg4n5kww>
- 585 **AUSTRALIA** 7RN, Hobart, 10 kW. Once again this Tasmanian RN network relay tapped in to the cliff's Kiwi propagation pipeline during most of the sessions, such as at 1327 on 8/6, with female speech //792 during an ABC program <https://dreamcrafts.box.com/s/u65zy7q5zkwsrmqbsyflf80wwhskk4gcb>
- 603 **AUSTRALIA** 2RN, Nowra, 10 kW. For some wacky reason this Australian interloper //792 was constantly shoving the Kiwi regular (Maori music format Radio Waatea //765) completely off the frequency for much of the trip, such as at 1307 on 8/09. Radio Waatea rarely managed anything more than an S5 signal, indicating possible antenna issues <https://dreamcrafts.box.com/s/5w13jz5haottgrpse2g1d0dbrkbg3sqx>
- 657 **NEW ZEALAND** Star, Wellington/Tauranga, 50/10 kW. The Star network's flagship frequency occasionally became a jumbled mess around August 11th, as synchronization problems between the two transmitters created intermittent echo and reverber effects. A relatively normal S9 signal could be heard when there was only one transmitter received, such as at 1303 on 8/13 <https://dreamcrafts.box.com/s/3opcmc1f4cjavr182bp5w8u1ks9cs0>. Otherwise you could be subjected to the full "echo effect," such as at 1302 on 8/11 <https://dreamcrafts.box.com/s/eaqxhm8bybd4ch80ibr2ozunt38j7ex2>



- 702 **AUSTRALIA** 2BL, Sydney, 50 kW. The Oz big gun finally played the part at the "Kiwi Cliff" during this trip, as its Auckland, NZ co-channel seemed to completely run out of Magic. A typical signal was at 1312 on 8/09 <https://dreamcrafts.box.com/s/wndn6i7lql3ec0980xn3d7ksxir0j1qk>
- 765 **NEW ZEALAND** Radio Kahungunu, Napier-Hastings, 2.5 kW. A real blaster for its power level, this Maori language music format station had none of the wimpy issues of its 603-Waatea parallel. At 1235 on 8/09 it was pounding in as usual with Maori music and chants <https://dreamcrafts.box.com/s/qk7c4bmgku0716rxbxl861egpto0xor0>
- 936 **NEW ZEALAND** Chinese Voice, Auckland, 1 kW. The overachieving Kiwi ethnic station blasts in at S9+ at 1314 on 8/13, only to get blitzed by the Australian interloper 4PB (also S9), causing a royal mess <https://dreamcrafts.box.com/s/zipzqkph3dfp6ip4ltdg7chfnai3rhh>
- 1017 **TONGA** A3Z, Nuku'alofa, Tonga. Overall this was the strongest DU station on the band, with blower S9+ signals typical from 1230-1330 daily. Island music was blasting in at 1251 on 8/07 <https://dreamcrafts.box.com/s/6fvm9i42tl117n7skya4o16k5gp07hai>. Another such island music signal was at 1309 on 8/06 <https://dreamcrafts.box.com/s/xkclwd78b2pmpsfuyh9e1u73wjz82ir>
- 1107 **NEW ZEALAND** Magic Talk, Tauranga/Rotorua, 5 kW. A female caller and the male talk show host pound in at monster strength at 1255 on 8/05 <https://dreamcrafts.box.com/s/mcxmmvqkqalh3izhdlg4fs68vcffxrhb>
- 1503 **NEW ZEALAND** Gold, Wellington/Christchurch, 5/2.5 kW. The replacement for the old Radio Sports network (a victim of the Pandemic), this rocking oldies network typically plays more upbeat music than its Magic (702-738-891) competition. A typical signal was at 1305 on 8/06, with a promo at 23 seconds (which sounds like "Gold, the greatest hits") <https://dreamcrafts.box.com/s/jm5gujou20zvlsh1yxtptgvcu6f1es68>
- 73 and Good DX, **Gary DeBock** (DXing with **Tom Rothlisberger** at the Rockwork Ocean Cliff from August 5-13), 7.5" Longwave loopstick Tecsun PL-380 + 12" Longwave FSL (all Longwave loggings), 7.5" MW loopstick CC Skywave and 7.5" MW loopstick XHDATA D-808 portables + 15" and three new-design 8" FSL antennas. Rockwork 2020 DXpedition video (with ocean cliff scenery) is posted at <https://www.youtube.com/watch?v=Ea0oEWIC6UM&t>

### Highlights from the Rockwork Cliff: SDR Style (Tom Rothlisberger)

The recent 2020 Rockwork DXpedition once again provided fascinating ocean cliff DXing results from a most spectacular setting. Here are some highlights:

- 486 **AUSTRALIA** LTV, Latrobe Valley, Victoria, 49 W. First heard in North America last year at Grayland (by myself), It has also been heard on the Pt Reyes CA KIWI SDR. Heard at Rockwork at 1229 8/10 for a third West Coast location and state: <https://app.box.com/s/8k26o64ertg2zgx1hrvsvso906frw1mt>
- 531 **NEW ZEALAND** More FM, Alexandra, 2 kW: The low power modern rocker has been a fixture at the cliffs the last 4 years or so. Back again at 1308 8/08: with ID: "90.3 Alexandra/stay tuned to More FM" <https://app.box.com/s/ofur2mkz9lrk34uyly7cjjw9mb6sxs2s>
- NEW ZEALAND** PI, Auckland, 5 kW. With up-tempo Samoan music and ID "531" (in English) at 1257 8/08 between songs: <https://app.box.com/s/6ceco5szcrrgb8ha04b0g13na5b728sw>
- 558 **FIJI** Radio Fiji One, Suva, 10 kW. Second only to Tonga in strength, this station tended to arrive late in a session with huge signals at 1310 8/10: <https://app.box.com/s/lw11yb3jwqv2dv032fjdvyrh6rn7j9f3>
- 585 **AUSTRALIA** 7RN, Hobart, Tasmania, 10 kW. Unusual late session strength from this ABC National affiliate such as this female host during a discussion at 1316 8/10: <https://app.box.com/s/mjgp8uprf7gaj9hm8w7pjkmkk0uk20s0>
- 594 **AUSTRALIA** 3WV, Horsham, Victoria, 50 KW. The ABC local/regional "Saturday Night Country" program into ABC news at ToH with fanfare at 1300 8/08: <https://app.box.com/s/kerjpkx4gkbquidxq6s392whudanju>
- 603 **NEW ZEALAND** Waatea, Manukau, 5 KW. The station tended to arrive late in a session before gaining much strength; With "Waatea" ID at 1315 8/08: <https://app.box.com/s/igq2arkxlrgynpqk4di0be61hsyu2lk5>
- 657 **NEW ZEALAND** Star, Wellington, 50 KW. Dominating on 8/07, before the synchronization problem was reported by Gary. At 1300 with news: <https://app.box.com/s/zwkk6uwwd4o8mt7ynp3smqfjd1jsanip>
- 765 **NEW ZEALAND** Radio Kahungunu, Napier-Hastings, 2.5 kW. Always seems to come in well for its power rating, //603. Their music library must be rather limited as I hear the same song every DXpedition and sometimes for consecutive sessions at 1249 8/09: <https://app.box.com/s/s0x1elyz8z01akiwpgfblxv929rvvsvy>
- 774 **JAPAN** JOUB, Akita, NHK2, 500 KW. The famous NHK English lessons in while the antenna was pointed at 320 degrees at 1245 8/08: <https://app.box.com/s/ttg8z4nfydrrjf5g81myzs9ejy8qfnv>
- 792 **AUSTRALIA** 4RN, Brisbane, QLD, 25 KW. ToH ABC fanfare and news on this typically loud station at 1300 8/09: <https://app.box.com/s/1r5x5qogel72i0ufwfnodif8wa4omw9l>
- 936 **NEW ZEALAND** Chinese Voice, Auckland, 1 kW. I always manage to get this one although ABC News 4PB was much more common here this year at 1303 8/09: <https://app.box.com/s/47yy7nmg0ehd8oogyghnzi7km1lb3ghr>
- 1017 **TONGA** A3Z, Nuku'alofa, 10 KW. Strongest blower of the DXpedition, dominating for entire sessions at 1251 8/09: <https://app.box.com/s/432vgy2f6igvu7j1tuk2scaj4pbphzoo>
- 1035 **NEW ZEALAND** Newstalk ZB, Wellington, 20 kW. Of the 16 "ZB" affiliates that we sometimes get at the cliffs, this one is usually the best, as it was this year. 1300 8/09 ToH: <https://app.box.com/s/tvfacrujr9j5lvvriadi34n26ss1wrrwdp>
- 1503 **NEW ZEALAND** Gold, Wellington, kW. The new GOLD AM finally heard with decent strength on my final morning at the cliffs. Oldies seemed livelier than "Magic". With ID "Now, you don't have to be sitting around to find Gold", "The new home for all the greatest hits", "A new station for NZ...." at 1258 8/10: <https://app.box.com/s/fu717fqrduao70g52wmyxndi0hv17a9l>. With ID "Wellington's Gold 1503" at 1313 8/10: <https://app.box.com/s/2l6xvpf6wx3opqv8lc47w0vhfps4rcac>

73 **Tom Rothlisberger** (DXing with **Gary DeBock** at the Rockwork 4 Ocean Cliff pull-off on Highway 101 near Manzanita, Oregon). 4 Sessions: Aug 07-10 2020

### Rockwork Ocean Cliff DXpedition – Alaskan, Hawaiian and South Pacific Longwave Results (Tom Rothlisberger)

8/21. Below are my NDB results from my 4 mornings at the cliff. I was pleased to receive 58 AUS/NZL/Pacific NDBs which is two more than in 2018, making this my second best haul out of 7 DXpeditions here. Compared to 2019 however, a whole layer of deep DX is missing. The Australians in particular were just above the noise floor for several minutes before fading back into the background. Still got 11 of them but only due to the nice quiet conditions this year. The loud and unexpected signals from normally weak 366 SF and 362 WK did not seem to bring any other 25-50 watt NZL signals along for the ride. A couple of 49 watt Australians were in however, comprising 2 of the 3 new beacons to Rockwork.

As for Alaska the conditions on the two mornings that I moved the antenna were not so good. The one surprise was SPY from St Paul Island, freed up from the discontinued DGPS from both the US and Australia.

In all a good "fishing trip" on the LW side. Next up: MW. It was great fun operating with Gary during the 3 mornings when we were together, and congrats to him for the new catches, especially 25-watt WK!

Session Report for Tom Rothlisberger, K7WV, Listening Location: Rockwork 4 (Manzanita, OR), CN85ar (45°44'37" N/123°57'30" W), Report Created On August 20 2020, Receiver(s): Perseus SDR. Antenna(s): End-fed Flag/FLG100LN, Software: Perseus V5

2020-08-DD	UTC	kHz	Call	km	Location	2020-08-DD	UTC	kHz	Call	km	Location
2020-08-08	1237	238	KT	10966	Kaitaia-Waimanoni-Awanui, NZL	2020-08-08	1246	314	SPY	3370	Saint Paul Island Apt, ALS
2020-08-08	1255	270	FA	8188	Faleolo IAP-Apia-Upolu Island, SMA	2020-08-08	1253	315	HO	8385	Hihifo Apt-Wallis Island, WAL
						2020-08-09	1224	316	MAJ	7500	Majuro Atoll-Amata Kabua IAP, MHL
2020-08-10	1254	272	LHI	11554	Lord Howe Island, LHI						
2020-08-08	1243	277	ACE	2384	Kachemak-Homer Apt, ALS	2020-08-08	1238		MA	7476	Maupiti Apt, OCE
2020-08-10	1237	278	CG	11671	Coolangatta, QD, AUS	2020-08-08	1234	320	AI	8036	Aitutaki-Amuri, CKS
2020-08-08	1237	282.5	RT	8071	Avera (Rurutu Island), AUI	2020-08-08	1254	322	CI	11239	Chatham Islands, NZL
2020-08-08	1243	283	DUT	3134	Dutch Harbor-Unalaska Apt, ALS	2020-08-08	1252	326	WR	10967	Whangarei, NZL
2020-08-08	1234	284.5	MH	7050	Manihi Atoll (Tuamotu Archipelago), TUA	2020-08-10	1228		FN	8598	Futuna-Pointe Vele Apt, WAL
						2020-08-10	1239	327	VYI	4043	Valley Island-Kahului, HWA
2020-08-09	1309	293	COM	12601	Cooma, NW, AUS	2020-08-07	1238	332	POA	4065	Pahoa-Hawaii Island, HWA
2020-08-09	1239	299	CWR	12439	Cowra, NW, AUS	2020-08-10	1249	332.5	AA	7344	Anaa Atoll Apt, TUA
2020-08-10	1301	302	WYY	13146	Wynyard, TA, AUS	2020-08-08	1237	339	FN	7054	Fangatau, TUA
2020-08-10	1241	305	GTH	12652	Griffith, NW, AUS	2020-08-09	1239	343	ML	7507	Minami Torishima, MTS

2020-08-08	1235	345	HH	7458	Fare (Huahine Island), AUI	2020-08-10	1223	380	SU	11578	Maroochyshore/Sunshine Coast Ap, QD, AUS
2020-08-08	1238	346	TG	11034	Tauranga Apt, NZL	2020-08-08	1235	382	WU	11296	Wanganui, NZL
2020-08-08	1236	347	TB	8108	Tubuai Apt, AUI	2020-08-10	1250	383	MK	7209	Makemo Apt, TUA
2020-08-10	1243		RIC	12274	Richmond, NW, AUS (NEW)	2020-08-10	1246	385	HV	6354	Hiva Oa-Oa Island Apt, MAR
2020-08-08	1236	348	HN	9692	Honiara, SLM	2020-08-08	1245	390	HBT	2755	Borland-Sand Point Apt, ALS
2020-08-08	1236	349	TP	7055	Takapoto Apt-Fakatopatere, TUA	2020-08-08	1245	393	UKS	8272	Kosrae IAP, FSM
2020-08-08	1235	352	RG	8278	Nikau-Rarotonga IAP, CKS	2020-08-07	1242		FK	7210	Fakarava (Iles Gambier), TUA
2020-08-07	1238	353	LLD	4087	Lanai-Lanai Island, HWA	2020-08-08	1244	394	RWO	2339	Woody Island-Kodiak, ALS
2020-08-08	1253	355	NI	8451	Nauru-Nauru IAP, NRU	2020-08-10	1240	395	PMQ	11967	Port MacQuarie Apt, NW, AUS
2020-08-08	1244		AUB	2620	Saldo' King Salmon, ALS	2020-08-10	1235		MER	12578	Merimbula, NW, AUS (NEW)
2020-08-08	1239	358	OA	7158	Rangiroa Apt, TUA	2020-08-08	1243	399	SRI	3332	'Pribilof' St George, ALS
2020-08-08	1247	360	OX	8413	Iwo Jima, VOI	2020-08-09	1222	400	MDY	5022	Midway-Henderson Field, MDW
2020-08-08	1236	362	WK	11017	Whakatane Apt, NZL	2020-08-08	1252	402	OA	10157	Ouvea Apt, NCL
2020-08-09	1225	364	MI	9211	Momi-Nadi, FJI	2020-08-07	1239	403	TUT	8160	Pago Pago IAP, SMA
2020-08-08	1234	366	SF	10977	Springfield, NZL	2020-08-08	1243	429	BTS	2726	Wood River-Dillingham, ALS
2020-08-07	1241		PNI	8509	Pohnpei-Pohnpei Island, FSM	2020-08-08	1243	437	OG	6274	Okha, RSE
2020-08-08	1239	370	HAO	7301	Tuamotu Archipeligo, TUA	2020-08-10	1229	486	LTV	12902	Latrobe Valley Apt, VI, AUS (NEW)
2020-08-10	1224	372	UK	6276	Ua Huka, MAR	2020-08-08	1246	530	ADK	3833	Mount Moffett-Adak Island, ALS
2020-08-08	1238		RU	7478	Raiatea Apt Uturoa, OCE	2020-08-07	1257	1630	TM	11190	Taumarunui Apt, NZL
2020-08-08	1255		AV	8104	Raivavae Apt, AUI						
2020-08-08	1238	376	NP	6886	Napuka Apt, TUA						
2020-08-10	1307	377	ROM	11884	Roma, QD, AUS						
2020-08-07	1247	377.5	MO	7496	Moorae-Temae Apt, OCE						

AUS/NZL/Pacific = 58

**Here is a mixed bag at Menauhant Beach as we transit from one area to another as time goes on. (Roy Barstow)**

G-33 w/amp 10 x 16 foot loop. Also with outboard RPA-1 Amplifier.

2300 – 140°

1089 **ALGERIA** Adrar. Music then a man with a few quick words into pips. Next a woman with presumed news in French. Weak and all alone. At S 3-4. This station also heard at this same beach on 7/14/19. Note most other from Europe just had small carriers even the big guns at this time period. CLIP.

2330 – 140°

612 **MOROCCO** fair w/talk.

760 **BRAZIL** woman in Portuguese in the mix.

828 **UnID** weak music.

2346 – 140°

576 **ALGERIA** on top with music and talk.

610 **BRAZIL** fair. A fast talking man which may have been a soccer game. In the mix.

1179 **ROMANIA** and **SPAIN** mixing.

1377 **UnID** weak talk on LSB.

1584 **SPAIN** and others.

864 **EGYPT** starting to show up with its Quran.

0000 – 140°

540 **USA** WGOP. Great Oldies. My unknown I had at my last outing.

603 **SPAIN** pips, theme music, into news. S-5 w/slop.

720 **BRAZIL** theme music and pips. CLIP.

760 **BRAZIL** coming in after WZNE and WCHP s/off.

800 **BONAIRE** TWR. CLIP.

828 **SAUDI ARABIA** Magic. Music. The man usually gives ID between songs. Weak with WCRN slop. CLIP.

850 **USA** WPTK NC. Just prior to night power. CLIP.

870 **ARGENTINA** pips mixing with CUBA.

990 **COLOMBIA** or **ARGENTINA** w/5+1 pips, along with a woman in Portuguese. Maybe Rio.

1026 **UnID** w/music.

1270 **ARGENTINA** pips in the mix.

1660 **USA** NJ. Main station with 2 others. One with "Le Mega" and one with Sports Radio. Mention of Martin White as one announcer on Sports Radio. Normal here would be MI. But I wonder if it could have been something different. Any help. CLIP.

0015 – 140°

700 **BRAZIL** Nossa, São Paulo. CLIP.

730 **UnID** soccer w/goal at 0018:44. //650.

945 **UnID** mumbles.

1030 **ARGENTINA** as always mixing with WBZ at any South beach site.

1080 **UnID** under WTIC with a soccer game.

0030 – 140°

700 **ARGENTINA** 2+1 pips in the mix.

702 **UnID** near audio level but too much slop and static.

720 **BRAZIL** Portuguese with talk. BTW this channel seems to be weak until after sunset.

870 **ARGENTINA** 2+1 pips in the mix.

940 **BRAZIL** on top for a time with a man in Portuguese and mention of Brazil.

1110 **ARGENTINA** 2+1 pips along with WBT.

1290.3 **BRAZIL**

0100 – 140°

620 **ARGENTINA** with 5+1 pips in the mix.

830 **USA** WCRN. Weak w/WEEU PA and presume Dominican Republic presume. CLIP.

870 **ARGENTINA** good pips with **CUBA**. Clip.

1460 **USA** WQOP, Jacksonville FL. ID.

0130 – 140°

700 **ARGENTINA** 2+1 pips under WLW and another station.

0200 – 180°

560t **BRAZIL** São Luis. With 4 pips and siren in the mix.

570 **COLOMBIA** came up strong. CLIP.

580 **PUERTO RICO** on top.

630 **PUERTO RICO** WUNO. Under over WPRO.

650 **COLOMBIA** Bogotá. On top of unknown Spanish.

870 **UnID** now a mix of **ARGENTINA**, **CUBA** and **WWL**.

1270 **ARGENTINA** 5+1 pips in the mix.

That is it with lots of clips. Take care, **Roy Barstow** – OLD CAPE COD

**Sandy Neck Beach DX 8/19-20/2020**

G-33 w/amplifier, 10 x 16 foot loop on the truck. Also with outboard Amp. RPA-1. They close this beach down at 9 PM now, but with sunset around 7:30 PM I still have enough time to get my fill of that DX to Europe and the Mideast.

2318 – 70°

702 **UnID** Mideast station with Koran or Coran – weak w/slop.

711t **MOROCCO** a little talk but 710 NY to strong. Later in the fall much easier to receive.

783 **UnID** with talk. Someone should fix that 780 station from Maine as it is just mumbles.

1539 **UnIDs** one station with Arabic talk and the other with music.

2330 – 110°

576 **ALGERIA** good.  
612 **MOROCCO** fair w/talk.  
774 **SPAIN** and another, maybe Egypt.  
837 **SPAIN** and presume **IRAN**.  
864 **SPAIN** fair //855 at S 5-6 w/music and no Egypt.

936 **UnIDs** 2 weak stations.  
981 **ALGERIA** good w/slop.  
1179 **SPAIN** and **ROMANIA** both w/talk.  
1503 **SPAIN** all alone.  
1521 **SPAIN** fair w/slop.

When I go to this beach it seems the Mideast comes in better later while DXing.

0000 – 110°

720 **PORTUGAL** pips into news, fair.  
760 **BRAZIL** on top.  
783 **SPAIN** pips, talk, then Mideast music later, Syria most likely.  
864 **EGYPT** now on top.  
936 **SPAIN** on top w/splatter.  
1026 **SPAIN** with pips and talk and later in the file Iran with Mideast music.  
1035 **UnID** weak with music.  
1080 **SPAIN** pips into talk under WTIC.  
1089 **UNITED KINGDOM** at S 9.  
1125 **SPAIN** at S 7-8.  
1134 **SPAIN** at S 8.

1143 **SPAIN** at S 5-7.  
1242 and 1251 **UnID** with a carrier.  
1278 **UnID** with talk but to much splatter.  
1377t **TANZANIA** weak with African type music. Drums etc.  
1431 **DJIBUTI** talk but weak.  
1530 **ROMANIA** pips with talk by a woman. CLIP.  
1539p **UNITED ARAB EMERITS** presume with music. At first mixing with Spain but then dominate at S 8. CLIP.  
1548 **KUWAIT** good at S 8 peak w/talk.  
1557 and 1566 **UnID** carriers.  
1593 **ROMANIA** fair //1530.

0010 – 75°

225 **POLAND** CLIP.

0018 – 75°

1026 **SPAIN** on top now //1044.  
1035 **UnID** weak.  
1071 **UnID** talking but weak and to much 1080 hash.  
1188 **IRAN** music and talk, much like Quran.  
1197 **UNITED KINGDOM** Absolute. Song weak but //1215.  
1233 **UnID** carrier.

1242t **UNITED KINGDOM** Absolute. Music.  
1296 **SPAIN** Cope. Maybe a call in show //837. Also in the background a woman singing a ballad. Think **UNITED KINGDOM** Radio. XL.  
1413 **SPAIN** with unknown under with talk.  
1422 **ALGERIA** talk, fair.

0030 – 120°

750 **CANADA** CBGY NF. On top with a music program.  
801 **SPAIN** //855 weak w/slop.  
891 **ALGERIA** at S 9+10 with a very stable signal last part of file.  
1026 **IRAN** Quran at a fair level w/slop.  
1035 **SAUDI ARABIA** playing Mideast music.

1062 **IRAN** S 5-6. Quran w/readings.  
1071 **IRAN** Quran, to a fair peak.  
1089 **UNITED KINGDOM** at S 9.  
1098 **SPAIN** and another under them which I am thinking may be Iran.

0046 – 120°

1278 **IRAN** Quran at a fair level.

1332 **IRAN** Quran to a good peak. CLIP.

0100 – 120°

720 **PORTUGAL** with 4 pips in the mix.  
846 **UnID** carrier.

1035 **UnID** with music. CLIP.

Ok had to shut down and leave. It was a good night of DX. One can see and hear from above that at a salt water site Fall DX starts at late Summer. Take care. **Roy Barstow** – Falmouth – Ye OLD CAPE COD

### DXpedition #15 – August G Beckemeier Conservation Area, Chesterfield MO Eric Bueneman (NØUIH)

For my fifteenth DXpedition, I decided to try another Missouri Conservation Area. This time, I decided to give the August G Beckemeier Conservation Area a try. Located on Olive Boulevard (Missouri Highway 340) in Chesterfield MO, it is a 54-acre site located about 20 miles west-northwest of downtown Saint Louis. I recorded a couple of firsts on this DXpedition. It was the first DXpedition where I didn't have to sit in the minivan to DX, as I set up my equipment on a picnic table. Second, I didn't have to put up my portable 30-foot longwire for shortwave DX; I used an MFJ-1022 active antenna, powered by a nine-volt battery, instead. No tropical band DX was noted this time.

I began monitoring around 1935 ELT; sunset skip conditions on the AM BCB favored the Midwest and Mid-South, while DX conditions on the shortwave bands favored Europe, the Americas, the Pacific and East Asia. Temperatures were around 80 degrees Fahrenheit under mostly clear skies at the time. I wrapped up monitoring around 2130 ELT.

### DOMESTIC (US and Canada) AM BROADCAST BAND LOGS

600 WMT **IA**, Cedar Rapids – 8/21 2005 noted with local ad, "The views expressed on this program are of the individual hosts, and does not necessarily reflect the opinions of the staff and management of News Radio 600 WMT or iHeart Radio" disclaimer, into talk format. A good to fair signal was heard, with ACI from KFNS 590.

680 WMFS **TN**, Memphis – 8/21 2015 noted with local ads, including one mentioning Olive Branch, MS, into sports talk from ESPN Radio. A fair to poor signal was heard with ACI from KSTL 690.

800 KREI **MO**, Farmington – 8/21 2019 noted with local ads into *The Joe Pags Show*. A fair signal was heard over CKLW.

830 WUMY **TN**, Memphis – 8/21 2002 noted with light Christian music, promo, mentions of "Esperanza" and "Buenas Nuevas" in Spanish. A fair to poor signal was heard, mixing with WCCO; light digital second ACI from KFJQ 850.

900 KFAL **MO**, Fulton – 8/21 2025 noted with local ad, Classic Country format, "Your Home for Classic Country" mention. A good to fair signal was heard over CHML.

930 WTAD **IL**, Quincy – 8/21 2034 noted with local ad, "Talk Radio 930 WTAD and 103.3 FM" ID into *The Mark Levin Show*. A good to fair signal was heard over KWOC.

960 KCGS **AR**, Marshall – 8/21 2043 noted with contemporary music, "You're listening to *Flashback* on KCGS Radio" mention. A good to fair signal was heard, mixing with KMA and KZIM.

1020 WPEO **IL**, Peoria – 8/21 1958 noted with the end of a Christian talk program, local ads, "This is The Word, 97.7 and 103.9 FM" mention, "WPEO Peoria" legal ID into SRN News. A good signal was heard over KDKA.

1110 WBT **NC**, Charlotte – 8/21 2004 noted with weather forecast, mention of 99.3 FM, local ad, "WBT" ID in ad. A fair to poor signal was heard, mixing with KFAB; ACI from KMOX 1120.

1180 WGUE **AR**, Turrell – 8/21 2052 noted with a Regional Mexican format, "La Jefa" ID and local ads in Spanish. A good signal was heard over WHAM.

1210 WMP5 **TN**, Bartlett – 8/21 2054 noted with a trivia show mentioning Johnny Weissmuller, "Sunny 103" ID. A good signal was heard over KGYN and WPHT.

1240 WHBU **IN**, Anderson – 8/21 2058 poked through with a mention of 103.7 FM and a local ad. A fair to poor signal was heard, mixing with other stations.

1370 KCRV **MO**, Caruthersville – 8/21 1950 noted with Country format, "We're AM 1370 KCRV" ID. A good signal was heard over WLLM; ACI from KXFN 1380.

1570 WBGZ **IL**, Alton – 8/21 2127 noted with *The Clark Howard Show* and local ads. A fair to poor signal was heard, mixing with WBGX and other stations.

1610 CHHA **ON**, Toronto – 8/21 2124 noted with promo mentioning Toronto in heavily accented English. A good signal was heard, alone on the channel.

1650 KFSW **AR**, Fort Smith – 8/21 2120 noted with Southern Gospel format, "98-7 the Cross" ID. A fair to poor signal was heard, mixing with KCNZ.

1690 WVON **IL**, Berwyn – 8/21 2112 noted with talk on domestic violence, "The Talk of Chicago, 1690 WVON" ID into promo. A good signal was heard over WPTX.

1700 KBGG **IA**, Des Moines – 8/21 2106 noted with Kansas City Royals baseball play-by-play, “1700 the Champ” ID into local ads. A good signal was heard over KKLf.

1700 KKLf **TX**, Richardson – 8/21 2105 noted with Mexican music and local ads in Spanish. A fair to poor signal was heard, mixing with KBGG.

#### **DXpedition NOTES**

This is another excellent location for a DXpedition. I've been smart enough to not get too close to local AM radio tower sites for DXpeditions. I plan to check out a few more DXpedition sites in the Saint Louis region. Below is the picture of the setup for the DXpedition. 73 and good DX from NØUIH, the Florissant Valley Dial Twister.



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

Deadlines: 9/5, 9/19, 9/26, 10/3, 10/10, 10/17, 10/24 and 10/31

**Mike Sanburn**, PO Box 1256, Bellflower, California 90707-1256 **mikesanburn@hotmail.com**

Due to the unprecedented circumstances with the Covid-19 crisis, I am working at getting the IRCA. Convention dates rescheduled to June 10-12 of 2021. I had planned on holding it in September of this year as announced but there are just too many deciding factors. I hope to have details posted soon. Here in Southern CA, age old San Diego station KFMB 760 did indeed change their AM call letters to KGB in early July. KNX 1070 will be celebrating their 100th birthday in September. Makes me want to visit their tower site in Torrance. 910 in Hesperia seems to be back on the air. Continued well wishes to everybody and good DX. 73 Mike

**Larry Godwin**, 2390 Clydes Dale Lane, Missoula, Montana 59804 **IowaTiger73@Gmail.com**

Greetings! I missed the Anniversary Issue, so will say a few words about what I'm up to. I'll be 88 in August. Sadly, I don't DX anymore due to prioritizing my time to deal with essentials plus write, my current passion. I just received a diagnosis of Stage IV anal cancer and will start chemo July 27. I'm staying positive and figure my lifestyle (moderate weight, healthy diet, walking an hour a day, nonsmoker, moderate alcohol consumption) tips the scales in my favor. Amazon has just published my book, two years in the writing, titled *Transcending Depression: Quest Without a Compass*. Here's the link: [https://www.amazon.com/Transcending-Depression-Quest-Without-Compass/dp/0578694913/ref=tmm\\_pap\\_swatch\\_0?encoding=UTF8&qid=1591833544&sr=1-1](https://www.amazon.com/Transcending-Depression-Quest-Without-Compass/dp/0578694913/ref=tmm_pap_swatch_0?encoding=UTF8&qid=1591833544&sr=1-1) Or go to Amazon and enter the book title in the search bar. If you're suffering from depression or know someone who is, it might be a resource. I hope the club has a successful convention and that everyone's enjoying good DX and good health. 73, Larry

(Larry, I got the book and found it to be interesting reading--rce)

**Eric Bueneman**, 631 Coachway Lane, Hazelwood, Missouri 63042-1347

Saint Louis County MO was under a Shelter-in-Place Order from March 23 to May 18 2020. During that time, I spent a lot more time at the dials. This is an unprecedented time in our history; broadcast radio was still a year away when the Spanish Influenza pandemic hit the United States in 1919. It is amazing how far we have come in just a century.

How many of us have told our radio stories? I thought I would tell you my radio story. As a 10-year-old in late 1976, I discovered that I could listen to medium wave broadcasts from outside the Saint Louis area at night. The first out-of-town signal I discovered was WBBM 780 Chicago. During sixth grade (1978-79), I discovered that I could also hear a few 50 kW Chicago stations, like WMAQ (now WSCR) 670 and WLS 890 during the day. I could even hear WGN 720, even though I had a 1,000-watt daytime-only station just 50 miles away: KWRE 730 in Warrenton, MO. I also discovered more out-of-town medium wave signals, like WLW 700 in Cincinnati, WSM 650 in Nashville (home of the Grand Ole Opry), WSB 750 in Atlanta and KOA 850 in Denver. On the weekends, I could stay up late enough to hear the Truckers shows from WBAP 820 kHz Fort Worth or WWL 870 New Orleans.

The 50 kW medium wave stations also had a lot of sports, like Detroit Tigers baseball and Red Wings hockey from WJR 760, Chicago White Sox baseball (announced by Harry Caray) on WMAQ, Atlanta Braves baseball and Hawks basketball on WSB, Cincinnati Reds baseball on WLW or Minnesota Twins baseball and North Stars hockey on WCCO 830 Minneapolis. Saint Louis 50 kW blowtorch, KMOX 1120, had Cardinals baseball and football, Blues hockey and University of Missouri basketball and football, as well as overnight middle-of-the-road music, hosted by John McCormick on weeknights and Tony Oren on the weekends. Most people of my generation had already discovered FM radio by that time; many listened to KSHE 94.7 MHz or KSLQ (now KYKY) 98.1 MHz. A few still listened to AM, like KXOK (now KYFI) 630 and KWK (now KXFN) 1380.

Shortly after I entered eighth grade in 1980, I discovered something different on 600 kHz. Even with a local 1 kW station on 590 kHz (WRTH Wood River IL, now KFNS), the signal featured a variety of music, news and commentary. It took a few days to find out that the programming came from Radio Moscow North American service. The programming was relayed by a 150,000-watt facility in Urbano Noris, Cuba. The schedule included the North American service until 10:00 pm Central US time, Radio Moscow World Service from 10:00 to 11:00 pm Central US time, and the Voice of Cuba (produced by Radio Havana Cuba) from 11:00 pm to 4:00 am Central US time. It was at that point that I set my mind on getting a shortwave receiver. I still tuned around to US stations; I was tuned to WABC 770 New York when I heard the news that John Lennon was shot on December 8 1980. Toward the end of 1980, I was hearing audio image transmissions from shortwave broadcasts above 1600 kHz on one of my portable radios from throughout the Americas. I was hearing Radio Canada International, WYFR, VOA Greenville and HCJB just above 1600.

In October 1981, I got my first shortwave receiver, a Realistic DX-60 portable receiver. I still have this receiver; it features AM, FM, the Citizens band and three shortwave bands. I started hearing BBC World Service, Deutsche Welle, Radio RSA, Radio Nederland, Kol Israel, Radio Japan, Radio Korea and Radio Peking, in addition to RCi, VOA, WYFR and HCJB. Before I finished my first year of DXing, I began seriously DXing the medium wave and FM broadcast bands as well as broadcast television. In July of 1982, I got my monitor call from the WDX Monitoring Service: KDX0STL. The K in the call sign stands for my location west of the Mississippi River and the STL for the Saint Louis metropolitan area. The following year, I joined the World Listening Service with the call WLS5MO. In 1984, having taken up casual Public service monitoring, I got the call KMO0CN from CRB Research. I joined my first club, the old ASWLC, in May 1982; I joined NRC that August. It was through NRC that I met Saint Louis DXers Terry Klasek and Rich Eddie; we had a local group called SLIDX (Saint Louis International DXers); I met antenna experimenter Bob Flick through that group. I learned a lot about the hobby from Rich Eddie. I joined IRCA in the spring of 1994.

In October 1982, I upgraded to a Realistic DX-200 tabletop communications receiver; I began DXing the Amateur Radio bands. The Hams I QSLed encouraged me to go for my license; I put that on the back burner while I was in college. In June 1985, I upgraded again; this time to a Realistic DX-400. That fall, I started college as a Communication Arts major; I began helping out the staff at KCFV 89.5 MHz Ferguson MO, becoming a DJ in the fall of 1986. In August of 1988, I relocated with my family to Woodstock, GA; I built another homebrew antenna for shortwave radio from telephone wire and put it in the baseboards of my bedroom. During that time, I volunteered for a month at WFRG 89.3 MHz in Atlanta before getting lured away to a master control operator job at WFTD 1080 Marietta. I even worked briefly at 16-watt WGHR 102.5 MHz at Southern Polytechnic State University (now Kennesaw State University-Marietta) doing an Oldies show. When I relocated to Marietta in June of 1991, I made another homebrew antenna for shortwave out of speaker wire and a metal coat hanger; I heard plenty of DX with that antenna. I kept that antenna when I returned to Hazelwood at the end of June 1992. In 1994, the string on the upper tuning cylinder of the DX-200 snapped; I used the DX-400 for both shortwave and medium wave DX until adding my present Sangean ATS-803A in October 1995; I bought that from local DXer Tony Jasper. In 1997 the DX-400 blew; I switched to a General Electric Superadio III (which I bought in 1994) for medium wave DX. Later in 1997, I ditched the homebrew coat hanger antenna for an MFJ-1778 G5RV antenna. I bought the National NC-60 Special at a Hamfest in August 1998; I use that for some medium wave and shortwave DXing. My main AM broadcast band rig in the shack, the Yaesu FRG-7, was acquired at a Hamfest in January 2011; I've also used it for shortwave DX.

In late 1991, I began studying for my Technician class Amateur Radio license. The Morse Code requirement for that class of license had just been dropped, and that motivated me to study. I passed the first exam required for the license at a Hamfest in Washington MO in July 1992; I passed the second exam needed for the entry level license at a Hamfest in Saint Charles MO the following month. In fact, I passed the exam the day before beginning my second tour of duty at KCFV 89.5; I received my license in October 1992 with the call sign N0UIH. I learned twelve characters of Morse Code under the tutelage of one of the professors in the School of Engineering at Southern Illinois University Edwardsville before the Morse Code requirement for all license classes was dropped; I upgraded to a General Class license in June 2007 by passing the written exam on my second try through the Cliff Cave Volunteer Examiner team, which gives license exams at the Cliff Cave branch of the Saint Louis County Library in Oakville MO. In May 2012, after taking a course through one of the local Amateur Radio clubs, I upgraded to an Amateur Extra Class license, only needing one try to pass the exam, also administered by the Cliff Cave Volunteer Examiner team.

In late 2018, after hearing lectures on the topic at the International Radio Club of America convention in Saint Charles MO, I began taking DXpeditions to parks and conservation areas in the Saint Louis region. I homebrewed a 30-foot longwire for portable use on the shortwave bands; I bought a Tecsun PL-600 for shortwave DXing away from the shack. Since November 2018, I have been on two DXpeditions to Babler State Park in Wildwood MO, Marais Temps Clair Conservation Area in Black Walnut MO and Sioux Passage County Park near Florissant MO, along with single DXpeditions to Lincoln Shields Recreation Area in West Alton MO, James S McDonnell County Park near Saint Ann MO, Creve Coeur County Park in Maryland Heights MO and Pere Marquette State Park near Grafton IL. This year's DXpedition season was delayed until June due to the COVID-19 pandemic; I've made DXpeditions to Weldon Spring Conservation Area in Weldon Spring MO and Saint Stanislaus Conservation Area two miles west of my home shack, as well as a third DXpedition to Marais Temps Clair during June 2020. Most recently, I went on my third DXpedition to Sioux Passage.

I have been DXing the shortwave bands since October 1981, the medium wave broadcast band since December 1981, the FM broadcast band and analog television since April 1982, the NOAA Weather Radio band (162.4-162.55 MHz) since January 2001, and digital TV since September 2005. Today, my main home shack features Sangean ATS-803A, National NC-60 Special and Yaesu FRG-7 communication receivers for shortwave and medium wave DX, a Kenwood AR-304 AM/FM/FM Stereo receiver with filter modification for FM broadcast band DX, and a Uniden Bearcat BCD996P2 for NOAA Weather Radio DX and VHF/UHF analog and digital Public Service band monitoring, two Zenith DTT-901 digital TV tuners, one hooked to a 1984-built Samsung 19-inch color TV and the other to a 1999-built Daewoo 13-inch color TV for TV DX, and a Uniden Bearcat BC980SSB AM/SSB Citizens Band radio for general talking (Hams call it 'rag chewing' and monitoring the truckers on Channel 19 (27185 kHz)). I have built homebrew antennas for shortwave (a 150-foot dipole in the attic and a 30-foot outdoor longwire) and the Citizens Band (an inverted "V"). For medium wave DX, I have a Worcester Electronics Space Magnet II ferrite core loop hooked to the FRG-7; I use an Apex 303WA-2 vertical antenna, hooked to the National NC-60 Special, for some shortwave and medium wave DX; I bought the Apex in August 2018. For FM and TV DX, I use a Channel Master CM-3020 VHF/UHF Yagi I bought in the summer of 2016; the antenna is 28 feet above ground level. For the Public Service and NOAA Weather Radio bands, I use a Radio Shack discone antenna I bought in 2004; that antenna is 32 feet above ground level. Most recently, I added an SDRplay RSPdx software-defined receiver.

This hobby also led to a 22-year broadcasting career; most of my career was in the Saint Louis area. In addition to the aforementioned stations, I worked as a studio engineer and staff announcer at WGNU 920 Granite City IL (now licensed to Saint Louis MO) in 1996 and 97, studio/remote engineer and staff announcer at WFUN-FM 95.5 Bethalto IL from August 1997 to June 1999, and as a studio engineer, DJ (evening, fill-in and morning), Public Service Director and hockey coverage coordinator at WSIE 88.7 Edwardsville IL from May 2000 to July 2009. I briefly worked at KDHX 88.1 MHz Saint Louis MO taking pledges during the June Membership Drive in 2015.

In addition to IRCA, I am also a member of NASWA, WTFDA, ARRL and two local Amateur Radio clubs, the Saint Louis and Suburban Radio Club and the Lewis and Clark Radio Club. If there is one thing 38 years in this hobby has taught me, it is being patient when hearing the DX. This is especially important in all areas of life during this unprecedented time. 73 and good DX from the Florissant Valley Dial Twister.

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

Greetings. All times and dates strictly UT. Receiver: IC-R75 with E-W longwire; 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;

This report covers August 10-23. Extracted from my daily all-band log reports as archived here: <http://www.worldofradio.com/Hauserlogs.html>. Some items include monitoring and comments by others besides me.

CANADA. 248-MCW kHz, August 21 at 0555, dash and WG, 1000 watt ND beacon from Winnipeg, Manitoba. Only Canadian ever heard among seven listed on 248, two of them also a kilowatt and four of them also with 2-letter calls lacking a Y- or -Z, but all with a dash of course. 346-MCW kHz, August 21 at 0601, dash and YXL, 500 watt NDB from Sioux Lookout, Ontario. It's way NW of Thunder Bay, not an area we associate today with the Sioux First Nation. This does not explain where the name came from: <https://www.northernontario.travel/sunset-country/7-interesting-facts-about-sioux-lookout> but a "Lac Seul" figures in its history so I wonder if Seul was mistaken as "Sioux"? – pronounced soo/sue. Such interesting learning experiences provided by beacon DXing.

CANADA. Although there is still some storm noise, Blitzortung shows only small spots on fringes of conterminous USA, far from here with quietude in the Great Center, so with LW overall noise level abated, August 18 at 0639-0647 I can relog a number of Canadian ND beacons as well as Unitedstatesians, qv: 326-MCW, dash and YQK, 200 watts from Kenora, Ontario, 332-MCW, dash and QT under IC Wichita, 1000 watts Thunder Bay, Ontario, 346-MCW, dash and YXL, stronger, 500 watts from Sioux Lookout, Ontario, 366-MCW, dash and YMW, 500 watts from Maniwaki, Quebec, 382-MCW, dash and YPL, 1000 watts from Pickle Lake, Ontario. In reverse order as I was really down-tuning.

USA. Lowered LW noise level allows some ND beacon logs again, from CANADA, qv, and, August 18 at 0635-0646, in reverse order from really tuning downward: 335-MCW, BV, 25 watts from Batesville-Almond, Arkansas, 347-MCW, AFK, 25 watts from Nebraska City, Nebraska, 365-MCW, AA, 100 watts, Fargo-Harwood, North Dakota, tuned 363-USB, 389-MCW, DDP – oops, see PUERTO RICO! 420-MCW, PK, 25 watts from Olathe-Herbb, Kansas.

OKLAHOMA [and non]. 341-MCW kHz, August 13 at 1354 in full daytime, NDB in Enid, EI is JBA, while OIN Oberlin KS is JJBBA underneath.

PUERTO RICO. 391-MCW kHz, August 18 at 0638, DDP among the US and Canadian ND beacons, qq, vv.; it's 1000 watts from San Juan-Dorado. I was tuned to 389-USB. Logged previously, rarely in January and March this year. 3676 km = 2284 statute miles.

OKLAHOMA. 515-MCW kHz, August 11 at 0648 and 1410, NDB PN in Ponca City is off again, while the other local-Okies remain on 350, 341, 255 kHz.

OKLAHOMA. 515-MCW kHz, August 12 at 1406, NDB PN in Ponca City is off; 341-MCW, EI in Enid is on now; earlier at 0623 I could not make it out vs HSNL, but traces of OIN in KS.

OKLAHOMA. 515-MCW kHz, August 14 at 0600, NDB PN Ponca City is still off; 341-MCW, EI Enid is still on.

OKLAHOMA [and non]. 515-MCW kHz, August 15 at 0626, NDB PN in Ponca City is still off; 341-MCW EI in Enid is still on. Too much storm noise from KS to detect much else, but two signals seem mixing on 420, probably PK in KS and FQ in MN, from previous experience, both 25 watts.

OKLAHOMA. 515-MCW kHz, August 17 at 0617, NDB PN Ponca City is still off, and 341-MCW kHz, EI Enid JBA is still on.

OKLAHOMA. 515-MCW kHz, August 18 at 0634, NDB PN Ponca City is still off; 314-MCW EI Enid is still on nearby but JBA.

OKLAHOMA. 515-MCW kHz, August 21 at 0601, NDB PN Ponca City still off; 341-MCW kHz, EI Enid still on but JBBBA.

UnID. 600, August 12 at 0618, 'Coast to Coast AM' from a strong station and a weaker one echoing. WMT Cedar Rapids, Iowa, lost tower during the derecho, and was reported off the air; it's normally dominant here, lobe aiming thisaway but does not quite make it, days. <https://600wmt.radio.iheart.com/content/2020-08-11-legendary-am-600-wmt-radio-cedar-rapids-off-air-after-high-wind-storm/> The other listed C2CAM 600 affiliates in last year's NRC AM Log are KCOL in CO, KTBB in TX and WREC in TN, all of which could also be heard here.

USA. 600, August 14 at 0605, "Newsradio 600, WMT" ID after Fox "news" and then local weather, from a TV station; dominant signal on its 1.25? kW ND day facility with the directional nite tower down-blown by the derecho in Cedarapids IA. I can't be too sympathetic to WMT plight as they spew loathsome Limbaugh and hateful Hannity; but a much wider variety of talk shows on weekends.

CUBA [and non]. 711.0, August 17 at 0602, JBA het presumably one of the Radios Rebeldes knocked off-frequency again like a few months ago. Too weak to get DF on it, but the only TA carrier this late is 621 presumed Canary Islands. More below.

UnID. Cursory trans-Atlantic JBA MW carrier check August 18 at 0122: two on 684, Spain being the one off-frequency; 891 no doubt Algeria, but no 711 at this time. From 0327: 531, 621, 684, 693, 774, 855(2), 898, 1098(2), 1107\* strongest, 1215, 1305; and 711.0, so is that Cuba or not? No DFing. At 0630, JBA carrier about 710.4, not 711. Months ago, Steve Wiseblood in the RGV presumed he was getting Rebelde on 710.5 but I never did. Also 621 presumed Canary, 846 Kiritimati/Pacific, maybe 1098, Marshalls. WOR iog discussion of my previous 711 log: "When nearby 621 from Canary Islands could be heard easily in North America, why not the 711 Moroccan transmission too? Right 3 kilometers distance to the Atlantic Ocean coastline. MRC\_Laayoune 711/864 300kW (EI Aaiun), del 567/657 5/50Kw location GC 27°10'21.58" N 13°21'40.93" W [https://www.bing.com/maps?osid=e578e77b-a265-46e5-90e5-f86f630f0b38&cp=27.17377--13.362753&lvl=18&style=h&v=2&sV=2&form=S00027\\_73\\_wb](https://www.bing.com/maps?osid=e578e77b-a265-46e5-90e5-f86f630f0b38&cp=27.17377--13.362753&lvl=18&style=h&v=2&sV=2&form=S00027_73_wb)"

"Maybe SNRT antenna is too directional in EI Aaiún. But I don't know how it is behaving in practice. I also have no idea if the EMWG data is valid or not today. In the former Euro-African Medium Wave Guide (EMWG), the following data were: 711: AOE-SNRT Al-Idaâ al-Amazighia (EI-Aaiún), EI Aaiún (300, directional 180°) – 24h in Tamazight (Berber), Tachelhit, Rifain, Arabic exc. when local programmes are on air: Monday-Thursday 1800-1900 Arabic, Friday 1800-2300 Arabic, Saturday 0000-0200 Arabic, Saturday 1800-2300 Arabic, Sunday 1000-1300 Arabic, Sunday 1800-0200 Arabic; relay of SNRT EI-Aaiún: Friday-Saturday 2200-2300 Arabic; Monday 0900-1300 Rabat programme; local ID "Maghribiyya Laayoune"; very low audio – offset frequency of 710.9970 (Tibor Gaal, Hungary) Months ago when Cuba was skewed before, we had this same problem. If it's too weak to DF, another way to rule out Eurafica is hearing it later when it's daytime there, still dark between here and Cuba, so when I rouse circa 0900 August 18, quick check hears nothing above 710, so inconclusive. Need further checks.

UnID. Trans-Pacific JBA MW carrier search, August 18 at 1151, on the DX-398 so DFing: 657, 792 and 1008 all WSW; two? on 1242. Enid LSR 1152, so almost too late but that was when I happened to awaken. All of these have NZ or eastern Australia possibilities, under 50 kW except for one. Then a check of lowband 10-kHz channels for Mexicans found none.

UnID. Trans-Atlantic JBA MW carrier search, August 19 at 0152 on R75 and longwire so no DFing, the first one may not be Cuba: 711, 891, 936(2), 1044, 1053, 1089, 1107, 1125, 1134, 1215(2), 1296, 1306. At 0615 August 19 I am still getting only: 711, 846(surely Kiritimati TP), 882, 936.

UnID. JBA MW carrier search of 9-kHz frequencies, August 20 at 0617: only 711, 846 and 1071. 846 no doubt regular Kiritimati but never with audio; 711 Cuba or Morocco barely? 1071 intriguing with no Europeans more than 10 kW, no NZ/Australians more than 5. Several ME/Africans but too daytime. Of course there's that megawatt in India, but way too early for that. Note that het/carriers 1 kHz off 10 kHz frequencies are often easier to detect than further in between with lots of splash from both sides.

UnID. JBA MW carrier search August 21 at 0550: 621, 846, 882, 1125 with two beating. Presumed Canary, Kiritimati; 882 has another low-powered Canarian; and 1125 several low-powered continental Spaniards.

UnID. JBA 9-kHz MW carrier search August 22 at 0607: 936 the only one, Morocco? Not even 711 or 846-Kiritimati, off? K-index at 0600 was 2, no storms per WWW.

KIRITIMATI. 846, August 17 at 0609, JBA carrier but with some decent peaks, surely Radio Kiribati, Christmas Island and not Europe, whence this late the only TA carrier trace is 621 Canary/Africish. 846, 10 kW is the closest TP split-frequency station, and it's already well after dark there; and anyway there are no Europeans on 846 more than 3 kW. Additionally I get a rough DX-398 DF as closer to E/W than NE/SW. True bearing is 252 degrees, distance only 4500 miles, and due south of Hawaii, in the \*western\* hemisphere. As measured on my trusty NGS globe. Neither gaisma.com nor distancefromto.net can cope with the fact that "this" part of Kiribati, the Line Islands, is "far" removed from the main part to the west, giving out false readings for London, Kiritimati as if it were on HQ island Tarawa, 6114 miles away and with local time as+12 instead of +14! LSS varies only half an hour over the course of a year, only 2 degrees from the Equator. It should be similar to Honolulu which was 0500 today. But this gets it: <https://www.timeanddate.com/worldclock/@1185877> with LSS at 18:38 minus 14 hours = 0438.

KIRITIMATI. 846, August 23 at 0608, JBA carrier presumed Radio Kiribati, with no other 9-kHz audible from Eurafica.

USA. At 0428 August 22 I first posted 1070 to several DX groups: "WCSZ DX test from SC, OK to OK – I am posting before reading reports from anyone else about this. On R75 with {100-foot} E-W longwire, already aimed in right direction. 0357 August 22 tune-in to usual jumble of presumed KNX, KFTI and more jumble. 0402: suddenly absolutely clear Morse code ID: VVV DE WCSZ, twice or was it thrice? No voice IDs or any announcements heard so far. But none needed after the above. 0404: Handel's Messiah, Hallelujah Chorus until 0410. Then some other music, no ID heard but may have been lost in QRM. 0412 tune-out but may recheck later. Unknown how long test runs, on 1070. Sometimes atop, generally mixing with news/talk presumed KNX, and country music presumed from KFTI Wichita which is low power {1 kW} at night, but too close to here and always an annoyance since it's significantly off-frequency-minus. Now {on USB} I have been adjusting the PBT to get rid of the LAH if not all of its modulation. Thanks for the test. Please QSL if possible. New NRC AM Log says: U4 50000/1500; STA U1 2000/375 – tech issues. U4 means different directional patterns day and night. But FCC AM Query says ND day, directional night. NRC Pattern Book 2013 shows ND day circular pattern, I think, very crowded map with all those other 1070s in the SE. So was this test really ND, and how much power at the start? Until the next, Best of DX and 73 de Glenn Hauser, PO Box 1684, Enid OK 73702" I did recheck a couple more times just as Morse IDs played again: VVV DE WCSZ WCSZ WCSZ, at 0443.5 and 0459.5. Later widely reported as far as Norway, and Seattle – but I bet not much closer to KNX. 1404 km = 873 stmi from Sans Souci SC to Enid. Greenville market. The code IDs were a welcome surprise as earlier publicity said there would be no such thing, nor sweep tones, etc. Test committee chairman Les Rayburn in AL now says: "The DX Test was operated by engineer Al Hajny. His Email address is: [alhajny@gmail.com](mailto:alhajny@gmail.com). Mr Hajny has a history of being very friendly to DXers. Let's be respectful of that relationship. He has not stated if he plans to verify reception reports. I know he's a busy guy, so if he doesn't respond quickly, please be patient". So I sent this to him.

USA. 1210, August 10 at 0558, a periodic but vain check for 50 kW daytimer WJNL in Michigan cheating again; instead I hear a mix of Spanish mentions of McAllen, Texas, and Coast-to-Coast-AM. Per last year's NRC AM Log, only 1210 affil is WPHT Philadelphia, while the Spanish is certainly KUBR San Juan, Tejas in the RGV; right now I am not hearing KGYN OK either.

USA. Minor DXpedition to 35 km north of Enid on US 81 to carry out AM and FM bandscans, Sunday afternoon August 23 from 2140 to 2215, on caradio: 750, at 2140 no KMMJ Grand Island NE, apparently still temporarily off by STA pending sale. Has unusual L3 license i.e. almost daytime directional tangent west with 10.5 kW, but used to be JBA here; and neighbor 880 KRVN is always audible daytime tnx to the Ogallala Aquifer. However at 2208 I can detect a slow SAH of 64/min, slightly over 1 Hz apart. The only others nearby are KSEO Durant OK, 220 watt daytimer on the other side of the state, very difficult here; and KBNN Lebanon center of MO, 5 kW ND daytimer which I have heard several times; unless KMMJ really be on but QRP like 1130 KLEY. 1130, August 23 at 2142, I expect silence as KLEY Wellington KS, just across from OK, has not been heard at Enid HQ for months, after transmitter troubles, and suspected off for good. But now I have JBA music, certainly not sportive KWKH Shreveport, which despite 50 kW ND daytime does not reach this far some 500 km by groundwave. We drive a few km further north, to about a km south of the US 64/60/81 intersection, helpfully away from some power lines, and hear at 2154 a partial ID of "point 3" and rock song playing just past 2200; 2201, "KLEY 1130 AM and – 100.3 FM – wellington.net – The home of – sports, what, capitol of the world". [Enid disputes that!] This is still a really tiny signal, vs many other further loud Kansans like 1150 KSAL, 1280 KSOK. KLEY is licensed for 250 watts day, ONE WATT night, and I can easily believe this \*is\* that one watt if not whatever the exciter may rate. Their 100.3 FM translator, really K262CQ, "The Wave" is what counts, and this much itty-bitty AM to simulcast keeps it legal. Anyway this makes KLEY 1130 quite a DX target further away since I can't even hear it inside Enid. OTOH, note my report from 2019y: "1130, September 20 at 1853 check, KLEY Wellington KS is OFF again. Still off at 1705 check September 21. It had been on since August 26 after a long hiatus since at least May 3" – another scenario is that it really has been totally off and just barely turned back on now to keep its license before a full

year be elapsed. I had never heard it since then. 1157 and 1183, at 2203, IBOC noise is definitely ON from 1170 KFAQ Tulsa at this time, blocking anything possible on 1160 and 1180. 1370, still no trace of KGNO Dodge City KS at 2205, which I have not been able to detect in years, day or night, 5000/230 watts, and suspect OFF but it continues to be listed as if active. It would be nice if we had someone in Dodge to try to hear it, maybe QRP too? It used to be easy to Enid at least SR/SS. I check 1370 whenever I am N/W of Enid. 1440, gospel huxter in English, very poor at 2205, must be KEXB University Park (Metroplex) TX in its latest incarnation, Relevant Radio, barely making it here with 50 kW daytime this high in band, not Topeka. On FM, not much of interest and am running out of time, but: 105.7, at 2214 "Classic Hits 105.7", adstring and rock music – and same stuff on 106.1! but with one radio can't tell whether synchronized. 105.7 is 50/50 kW KRDR Alva, while 106.1 is weaker with CCI from something else. Nearest "classic hits" format if not slogan on 106.1 in WTFDA DB is 60/60 kW KYVZ Atwood KS, way up in the NW corner beyond Colby. But 100 kW KXKU Lyons KS is closer, in between. Other possible 106.1s in OK are KBZI 50/50 kW in Mooreland west of here almost Woodward, with "80s hits" – close enough to classic by now? and KTGK 100/100 kW Owasso almost Tulsa, country.

USA. WORLD OF RADIO 2047 contents: Antarctica, Armenia, Belarus non, Bhutan, Botswana, Brasil, Bulgaria, China, Cuba, Denmark, Germany and non, India, Japan, Korea South, Lithuania, Mali, México, Netherlands, North America, Scotland non, USA, Vanuatu, Zanzibar; RX-666; propagation outlook.

WORLD OF RADIO 2047 monitoring: For WA0RCR a nearby KiwiSDR is available: <http://kb0fxkiwisdr.hopto.org:8073/> already well heard at 1756 check during extensive ham news sked.

WORLD OF RADIO 2047 monitoring: confirmed Saturday August 15 starting at 1945 on WA0RCR, 1860-AM, MO, very good via nearby Warrenton KiwiSDR. Also confirmed Sunday August 16 starting at 0323 on WA0RCR, 1860-AM, MO again via Warrenton SDR well above noise level.

WORLD OF RADIO 2048 contents: Antarctica, Austria, Belarus non, Canada, China, Congo, Cuba, France, Germany, Kiritimat, Korea South, Laos, Madagascar, Mali, México and non, Perú, Puerto Rico, Russia, Sudan South non, Tibet, USA, Vanuatu, Vatican; and the propagation outlook.

WORLD OF RADIO 2048 monitoring: confirmed Saturday August 22 at 2002 on WA0RCR, 1860-AM, Wentzville MO, via KiwiSDR a few km away in Warrenton, very good S8 about 4 minutes into so started circa 1958 instead of nominal 1930. Confirmed Sunday August 23 starting at 0326.8 on WA0RCR, 1860-AM via Warrenton MO SDR, S5-S8 sufficient vs storm noise level.

UnID. 4765, August 10 at 0433, noise blob but not decoding as DRM by TWR Bonaire SDR; meant to check earlier, as Mark Coody, Ontario, reported on the ODXA iog: "4765 UNIDENTIFIED at 0205 with DRM-like hash covering +/- 6 to 7 Khz – A total waste of bandwidth August 9 Coody-ON – Are the Cubans experimenting with DRM now? If so, why? And, if not, who is?" – Progreso sked is nominally/normally 0030-0400 only.

CUBA. 4765, August 12 at \*0029 just as I tune in via Virginia KiwiSDR, noise blob cuts on air covering 4760-4770, evidence that this mess is just the Radio Progreso transmitter as scheduled but totally out of whack: no trace of program modulation. It does not sound like DRM however, and the SDR does not recognize or decode it as such; in fact, if you mash DRM you get a roster of known DRM transmissions, maybe not the current frequency. Hey, at this very time, Arnie should be in AM on Radio Havana Cuba for the mit-week [sic] edition of 'DXers Unlimited', so he could explain it! But he won't as he never deals with any of countless Cuban technical SNAFUs; instead it's all about ham DX for the last few minutes of his show. 6000 is supported [not "supported" as one editor "corrected" a previous mention: I explain again that I coined that word to combine suppressed and distorted, which is just what Radio Havana Cuba and some other stations provide] while 6145 is sufficient. Meanwhile 5025 Rebelde is undermodulated but readable and not distorted. The 4765 blob is still same around 0130, and by 0400 is off, again matching Progreso scheduling.

CUBA. 4765, August 13 at 0054, Radio Progreso back in whack with music modulation in AM mode rather than noise blob; vs some CODAR swishes, checked at Rochester SDR.

SOLOMON ISLANDS. 5020, August 11 at 0646, JBA carrier in 5025 Cuba splash, presumed SIBC, about all one could expect so early, but have not been getting even this around 0600 check.

CUBA. 5055, August 22 at 0614, mixture of talk and music, NOT 4KZ, AUSTRALIA! But leapfrog mixing product another 15 kHz beyond, of 5025 Rebelde over 5040 Radio Havana Cuba English, the latter on later than usual, and with same extreme modulation breaking up 'Ed Newman' on both. 5055 is S9+10; 5040 is S9+20/30; 5025 with good music modulation is also S9+20/30. Both fundamentals listed as Bauta site. There is no reverse leapfrog on 5010, luckily for WRMI earlier. 0616 Rebelde female ID and TC for 2:16 am.

USA. 5085, Sunday August 16 at 0020, after a hamadstring and WTWW plea for listener \$\$, 'TONITO' starts and runs until 0050. Bob Heil is presenting a recording of his performance in 1966 on the Hammond Organ he built for a Holiday Inn in Columbus OH; I have switched to #2 webcast where \$tereo is possible, and it does sound so on a rather noisy old tape.

USA. 5085, Sunday August 23 at 0023, WTWW-2 with hard-sell Tedad, no TONITO yet; 0035 recheck is underway presenting performance by someone else, now deceased, ending at 0057 so started circa 0027 this week. I immediately brought up the \$tereo webcast instead. BTW, besides the degraded audio on 5085, it's still always accompanied by JBA spur-carriers circa 5072.1 and 5097.9. And this: "I know WTWW on 5085 KHz has contained very noticeable audio distortion for years. Sounds like a portable with weak batteries. It has low-end punch, mind you, but is totally ruined with this annoying distortion in the mix. If one uses narrower IF bandwidth filters, this will not be so noticeable. "Dave's Radio Receiver Page" <https://www.qsl.net/n9ewo/> Dave N9EWO" Zantow.

WORLD OF RADIO 2047 confirmed Monday August 17 starting at 0302.5 on Area 51 via WBCQ 5130, S9+10 but high storm noise level. Until the next, Best of DX and 73 de Glenn!

## SPECIAL FEATURE

### AM DX, HIGH SCHOOL FOOTBALL and COVID-19 (Les Rayburn)

High School football broadcasts represent an opportunity to log new stations for many DXers each season. The abundance of local ads, high school nicknames, etc. all make it easier to identify weak stations.

But CoronaVirus will impact HSFB this season. Some states have decided to postpone their games until later in the year or even 2021. Others are still evaluating the situation and haven't made decisions about when the games will start.

In some states where in-person classes have started early, outbreaks are occurring that may force changes.

All this shapes up to make this a most unusual high school football season and will alter the opportunities that may exist for distant listeners.

For example, Colorado has decided to move their season to a "Spring" schedule with games slated to begin on March 4 2021. Propagation will be quite different than those normally experienced in the Fall.

Wisconsin has decided to start their games in late September, which means by the time their playoffs roll around, we should be experiencing the quiet of the winter season with much less noise at night.

This information is current as of August 12 2020 – but the 'situation is fluid.' For the latest information about any given state, consult the website of their high school athletic association. Enjoy listening to the games on the radio. Nothing is quite as American as high school football on a Friday night.

#### HIGH SCHOOL FOOTBALL START DATES AMID COVID-19 – AS OF 08/13/2020

STATE	FOOTBALL START DATE	SOURCE
Alabama	08/20/20	<a href="https://www.ahsaa.com/Portals/0/2020-21%20Sports%20Calendar%20%28002%29_1.pdf">https://www.ahsaa.com/Portals/0/2020-21%20Sports%20Calendar%20%28002%29_1.pdf</a>
Alaska	08/20/20	<a href="https://www.asdk12.org/activities/">https://www.asdk12.org/activities/</a>
Arizona	09/30/20	<a href="http://aiaonline.org/files/13774/quick-glance-calendar.pdf">http://aiaonline.org/files/13774/quick-glance-calendar.pdf</a>
Arkansas	09/04/20	<a href="http://www.ahsaa.org/events">http://www.ahsaa.org/events</a>
California	TBD	<a href="https://www.cifstate.org/governance/Playoff_Calendar.pdf">https://www.cifstate.org/governance/Playoff_Calendar.pdf</a>
Colorado	03/04/21	<a href="https://chsaanow.com/2020-08-04/chsaa-announces-2020-21-athletics-and-activities-calendar/">https://chsaanow.com/2020-08-04/chsaa-announces-2020-21-athletics-and-activities-calendar/</a>
Connecticut	09/24/20	<a href="https://www.casciac.org/fallplan/">https://www.casciac.org/fallplan/</a>
Delaware	PPD – 12/20	<a href="https://www.doe.k12.de.us/site/default.aspx?PageType=3&amp;DomainID=572&amp;ModuleInstanceID=10696&amp;ViewID=6446EE88-D30C-497E-9316-3F8874B3E108&amp;RenderLoc=0&amp;FlexDataID=24664&amp;PageID=3949">https://www.doe.k12.de.us/site/default.aspx?PageType=3&amp;DomainID=572&amp;ModuleInstanceID=10696&amp;ViewID=6446EE88-D30C-497E-9316-3F8874B3E108&amp;RenderLoc=0&amp;FlexDataID=24664&amp;PageID=3949</a>
Florida	TBD	<a href="https://www.fhsaa.org/sports/football">https://www.fhsaa.org/sports/football</a>
Georgia	09/04/20	<a href="https://www.ghsa.net/2020-2021-ghsa-football-schedule">https://www.ghsa.net/2020-2021-ghsa-football-schedule</a>

Hawaii	PPD – 01/21	<a href="https://www.sportshigh.com/about/articles/2020-08-05-HHSAA">https://www.sportshigh.com/about/articles/2020-08-05-HHSAA</a>
Idaho	08/10/20	<a href="https://idhsaa.org/asset/HOME%20PAGE/IHSAA%20Fall%20Sport%20COVID%20Guidelines.pdf">https://idhsaa.org/asset/HOME%20PAGE/IHSAA%20Fall%20Sport%20COVID%20Guidelines.pdf</a>
Illinois	PPD – 02/21	<a href="https://www.ihsaa.org/Resources/COVID-19#30576-spring">https://www.ihsaa.org/Resources/COVID-19#30576-spring</a>
Indiana	08/21/20	<a href="https://www.ihsaa.org/Portals/0/ihsaa/documents/calendars/2020-21%20Calendar.pdf">https://www.ihsaa.org/Portals/0/ihsaa/documents/calendars/2020-21%20Calendar.pdf</a>
Iowa	08/27/20	<a href="https://www.iahsaa.org/football-2020-revised-schedule/">https://www.iahsaa.org/football-2020-revised-schedule/</a>
Kansas	09/02/20	<a href="http://www.kshsaa.org/calendar.cfm">http://www.kshsaa.org/calendar.cfm</a>
Kentucky	TBD	<a href="https://khsaa.org/08-04-20-the-planned-return-of-interscholastic-athletics-challenges-us-all/">https://khsaa.org/08-04-20-the-planned-return-of-interscholastic-athletics-challenges-us-all/</a>
Louisiana	09/05/20	<a href="https://lhsaa.org/sports/sports-directory/fall/football">https://lhsaa.org/sports/sports-directory/fall/football</a>
Maine	08/28/20	<a href="https://www.mpaschedules.org/g5-bin/client.cgi?cwellOnly=1&amp;G5statusflag=view&amp;schoolname=&amp;school_id=&amp;G5button=13&amp;G5genie=1142&amp;vw_schooyear=1&amp;vw_agl=119-1-161&amp;category_sel=&amp;category=&amp;manual_access=1">https://www.mpaschedules.org/g5-bin/client.cgi?cwellOnly=1&amp;G5statusflag=view&amp;schoolname=&amp;school_id=&amp;G5button=13&amp;G5genie=1142&amp;vw_schooyear=1&amp;vw_agl=119-1-161&amp;category_sel=&amp;category=&amp;manual_access=1</a>
Maryland	PPD – TBD	<a href="https://www.mpssaa.org/mpssaa-fall-and-winter-competition-seasons-postponed/">https://www.mpssaa.org/mpssaa-fall-and-winter-competition-seasons-postponed/</a>
Massachusetts	09/08/20	<a href="http://www.miaa.net/gen/miaa_generated_bin/documents/basic_module/MIAASportLimitations.pdf">http://www.miaa.net/gen/miaa_generated_bin/documents/basic_module/MIAASportLimitations.pdf</a>
Michigan	08/27/20	<a href="https://www.mhsaa.com/sports/football">https://www.mhsaa.com/sports/football</a>
Minnesota	09/03/20	<a href="https://www.mhsl.org/sports-and-activities/football">https://www.mhsl.org/sports-and-activities/football</a>
Mississippi	09/04/20	<a href="https://www.misshsaa.com/2020/07/14/executive-board-approves-proposal-for-fall-schedule/">https://www.misshsaa.com/2020/07/14/executive-board-approves-proposal-for-fall-schedule/</a>
Missouri	TBD	<a href="https://www.mhsaa.org/Activities/Info/11ManFootball.aspx">https://www.mhsaa.org/Activities/Info/11ManFootball.aspx</a>
Montana	08/27/20	<a href="https://www.mhsa.org/page/show/2170542-important-dates">https://www.mhsa.org/page/show/2170542-important-dates</a>
Nebraska	08/28/20	<a href="https://nsaa-static.s3.amazonaws.com/textfile/fbl/2020FootballOpenDatesReplacementGames.pdf">https://nsaa-static.s3.amazonaws.com/textfile/fbl/2020FootballOpenDatesReplacementGames.pdf</a>
Nevada	PPD – 02/13/21	<a href="https://d2o2figo6ddd0g.cloudfront.net/2/1/z/qn/bid/kdoutlf/07-23-2020_Update_11_Adjustment_of_Sports_Seasons_1.pdf">https://d2o2figo6ddd0g.cloudfront.net/2/1/z/qn/bid/kdoutlf/07-23-2020_Update_11_Adjustment_of_Sports_Seasons_1.pdf</a>
New Hampshire	09/25/20	<a href="http://www.nhcaa.org/ckfinder/userfiles/files/2020-21%20CorrespondingDates%20FALL%20Updated%20August(1).pdf">http://www.nhcaa.org/ckfinder/userfiles/files/2020-21%20CorrespondingDates%20FALL%20Updated%20August(1).pdf</a>
New Jersey	08/28/20	<a href="https://www.njsiaa.org/sports/football">https://www.njsiaa.org/sports/football</a>
New Mexico	PPD – 02/2021	<a href="https://www.lcsun-news.com/story/sports/high-school/football/2020/07/15/nmaa-announces-revised-2020-21-new-mexico-high-school-sports-calendar/5443107002/">https://www.lcsun-news.com/story/sports/high-school/football/2020/07/15/nmaa-announces-revised-2020-21-new-mexico-high-school-sports-calendar/5443107002/</a>
New York	TBD	<a href="http://www.nysphsaa.org/">http://www.nysphsaa.org/</a>
North Carolina	PPD – 02/26/2021	<a href="https://www.nchsaa.org/sites/default/files/Updated-2020-2021_Calendar_Aug2020.pdf">https://www.nchsaa.org/sites/default/files/Updated-2020-2021_Calendar_Aug2020.pdf</a>
North Dakota	08/21/20	<a href="https://ndhsaanow.com/schedules/football">https://ndhsaanow.com/schedules/football</a>
Ohio	08/24/20	<a href="https://www.ohsaa.org/sports/football">https://www.ohsaa.org/sports/football</a>
Oklahoma	09/03/20	<a href="http://www.ossaa.net/docs/2020-21/Football/FB_2018-19_2020-21StartDates.pdf">http://www.ossaa.net/docs/2020-21/Football/FB_2018-19_2020-21StartDates.pdf</a>
Oregon	PPD – 03/2021	<a href="http://www.osaa.org/today/article/1797/view?title=OSAA+adopts+New+2020-21+School+Activities+Calendar">http://www.osaa.org/today/article/1797/view?title=OSAA+adopts+New+2020-21+School+Activities+Calendar</a>
Pennsylvania	09/03/20	<a href="http://www.ossaa.net/docs/2020-21/Football/FB_2020-21_Calendar.pdf">http://www.ossaa.net/docs/2020-21/Football/FB_2020-21_Calendar.pdf</a>
Rhode Island	TBD	<a href="https://www.riil.org/page/5277">https://www.riil.org/page/5277</a>
South Carolina	TBD	<a href="http://schsl.org/index.php/football-2/">http://schsl.org/index.php/football-2/</a>
South Dakota	08/21/20	<a href="https://www.sdhsaa.com/Athletics/Boys-Sports/Football/Games-by-Week">https://www.sdhsaa.com/Athletics/Boys-Sports/Football/Games-by-Week</a>
Tennessee	TBD	<a href="https://tssaa.org/returntoplay">https://tssaa.org/returntoplay</a>
Texas	08/27/2020 (Tentative)	<a href="https://www.uiltexas.org/football">https://www.uiltexas.org/football</a>
Utah	08/20/20	<a href="https://www.uhsaa.org/calendar/Football.php">https://www.uhsaa.org/calendar/Football.php</a>
Vermont	TBD	<a href="https://vpaonline.org/athletics/">https://vpaonline.org/athletics/</a>
Virginia	08/24/20	<a href="https://www.vhsl.org/football/">https://www.vhsl.org/football/</a>
Washington	TBD	<a href="https://www.wiaa.org/default.aspx?SecID=46">https://www.wiaa.org/default.aspx?SecID=46</a>
West Virginia	09/04/20	<a href="https://www.wvssac.org/football/?wk=1&amp;classes=ALL&amp;a=schedules">https://www.wvssac.org/football/?wk=1&amp;classes=ALL&amp;a=schedules</a>
Wisconsin	09/23/20	<a href="https://www.wiaawi.org/Sports/Fall/Football/Dates-Schedules">https://www.wiaawi.org/Sports/Fall/Football/Dates-Schedules</a>
Wyoming	08/27/20	<a href="http://www.whsaa.org/sports/football/football.asp">http://www.whsaa.org/sports/football/football.asp</a>

Legend: TBD (To be determined), PPD (Postponed), As originally scheduled.

### A DXers Technical Guide, 4<sup>th</sup> Edition (Spring 2004)

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

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