



The VHF-UHF Digest

THE OFFICIAL PUBLICATION OF THE WORLDWIDE TV-FM DX ASSOCIATION

P.O. Box 501, Somersville, CT 06072 <https://www.wtfda.org>

THE WORLDWIDE TV-FM DX ASSOCIATION IS DEDICATED TO THE OBSERVATION AND STUDY OF LONG DISTANCE VHF AND UHF PROPAGATION AS IT APPLIES TO SIGNALS FROM 30MHZ THROUGH 600MHZ WITH EMPHASIS ON BROADCAST TELEVISION AND FM RADIO

August 2023



An analysis of June Eskip Inside
SDR Uno - Have It Your Way
The ADTH ATSC 3.0 Dongle



The Mailbox

P.O. Box 501 Somersville, CT 06072

MIKE BUGAJ - mike@wtfda.org



AUGUST 2023

Hello again. Summer has been moving along much too quickly but Es has still been hanging on during the last few days of July for some people. If there were winners this season, I'd say they were those in the Pacific Northwest and west in general. And if there were losers, they'd be in New England. Most of the Es this year wouldn't get this far east. I think most Dxers would say, though, that it just was not a good year for skip and you can blame that on the sun, which has been very active this summer.

This month we are welcoming **Steve Ehrhardt** (MO) and **Bob Timmerman** (IN) back to the WTFDA. Welcome back, guys.

I have had to send back a few checks and refund some Paypal payments to those who sent renewal dues. Once again, I need to say that when a person sends in his initial \$10 for WTFDA membership, he becomes a lifetime member. Every WTFDA member reading this (and even those not reading this) are all lifetime members of the WTFDA and don't need to renew EVER. The only ways you cease being a member is if your email address bounces and nobody can contact you, or in an extreme case, if you pass away. If you email us and tell us that you want your membership canceled (as one ex-member already did), we will cancel it.

And speaking of that, we were informed by Marie Novello that her husband Jay passed away in June. We sent our condolences to her and her family. Jay lived in Wake Forest, NC.

This came from **Bill Lipis** in San Diego: I've been testing out the ATSC3.0 Zapper Box since it came out. In San Diego we only have one ATSC3 station, RF Chan. 6 a Franken FM station. Zapper Box only received Chan. 6 station ID data with NO video until a recent Zapper software update. Now I can view video Shopping Channel, picture quality is quite good. Zapper Box uses Sony RX chip, I'm told. The latest Zapper software allows the video to be detected even though channel is slightly offset (from standard spec) due to being a Franken FM/TV station. It took the Zapper folks many months to make the Franken Chan. 6 fix happen. Also, earlier Zapper hardware had been using physical in-line RF pads to be switched out depending on RF signal strength! A real pain. My guess is that they had not enabled the RF AGC stage on the Sony chip set. Zapper swapped out my earlier box and the newer box has a quite active RF AGC stage that doesn't require use of any in-line RF pads. I just wish San Diego had more than one ATSC 3 station! Hope to see more reports on 3.0. The picture color and look is quite good even at low resolution. I'll mention to you that I'm lucky that one of the main Zapper Box design guys lives here in San Diego, so I can give him feedback.

From **Ralph Strobel**: Forgot to tell you that Andy Bolin had a double hop to 95.7 KBOY Medford, OR over 1800 miles this summer. His semi-local in Effingham, IL was on low power at the time. He hasn't heard CA, but has one NV - Las Vegas on 93.1. He's still searching for AK & HI. Is there such a thing as triple or quadruple hop? HA HA! (I think the Es we had to the Azores in July could be considered 2E or possibly 3Es, at the least you could call it multi-hop -Mike) (Ralph is in Muncie, IN and Andy is in Charleston, IL)

DXing this summer has been worse than PITIFUL !! What Es I've found has been nothing but mostly relogs. Last night there was skip but was so choppy, it was impossible to get anything new. Had a few from OK TX & NM. I've only heard 8 new stations this year and that is nothing but disgusting and disappointing. (yes, it has been pretty bad for a lot of people but there has been some FM double hop in North America this summer to help ease the pain a little -Mike).

From Taylor Crain in WA posted on the Mewe group: Here it is, in all its glory. KQXY 94.1 and KYKR 95.1 Beaumont TX double-hop from the 'honey hole' spot northwest of Selah, WA 7/20/2023 in the 11am PT/1PM CT hour. 1826 and 1830 miles respectively. I still have no words for this. Listen to how strong the signals were on a *car radio*!! Pioneer Supertuner III in Hyundai Santa Fe, window antenna, 10dB FM booster.

KQXY - ID sweeper, then I come back a few minutes later, NAB PSA for saving AM radio ends, ad for Market Basket, Upside ad begins.

KYKR - Slam-dunk ID with DJ Trey Poston, out of 'I Hate Everything' by George Straight.

The audio for these receptions can be found on the Mewe group. Find it [here](#). If not a member, you'll need to register first.

From John Jefferson in OR: K219BH 91.7 Burns, OR. I heard it tonight in parallel with KMHD 89.1, so their antenna replacement obviously is done. They're too weak to understand the announcer, but the jazz selection was unmistakably what KMHD had. The major problem was getting KMHD since KFAE Richland WA is in and out. 91.7, on the other hand, has only MS bursts to contend with except during ES openings. Then most of the 88-92 channels are subject to interference and 89.1 can become a battlefield. During one big opening this season, I logged KLFR Reedsport OR, 700 watts at 155 miles. As I tuned past 89.1 I heard the KLCC calls (the source of KLFR's signal). Figured I'd mis-heard but review confirmed it was "KLCC" I'd recorded. Maybe I've missed prior chances: during NPR's news they would be assumed to be KFAE; during KLCC's jazz programs I'd assume it was KMHD. Or was I hearing an impossible-to-log station (low wattage, high mountains in the way) reflecting back from the ES cloud? Fun to contemplate, no?

If any of you have checked out w9wi.com, you'll find it now completely unrelated to Dxing. This was Doug Smith's famous website but Doug reports that he was unable to get it back and now it's gone for good. Doug also mentioned that he no longer has any time to do any kind of TV or FM updating (like the information he posted on the WTFDA Forums every couple of weeks) and to not expect anything in the future. I used his information for the TV News column.

The demise of FM News presents a dilemma, whether to find someone to continue what Doug has been providing over the past years (no chance of that), do nothing at all and let it die or take FM News off into another direction. I think we'll go with door number three and see what happens. So check out TV News in this issue and give me some feedback. Feedback will determine if anyone finds the column informative or useful and gives me a good idea whether or not I continue to include it in the VUD.

And that's all for August! Have a great month! -Mike



MERCHANDISE STORE



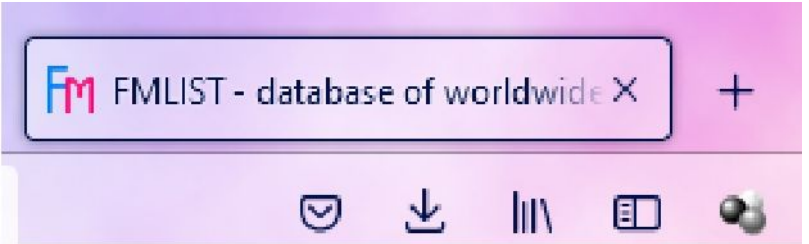
It's here! Now you can show off your club pride by ordering a WTFDA logo shirt from the brand new WTFDA Merchandise Store. We're proud to launch the store with a variety of 125 different shirt styles, notebooks for your logs, and unique wall clocks for your DX shack!



Even more products will be arriving soon, so make sure to check back often to see what's new. You will also be helping support the club as a portion of sales goes to the WTFDA.

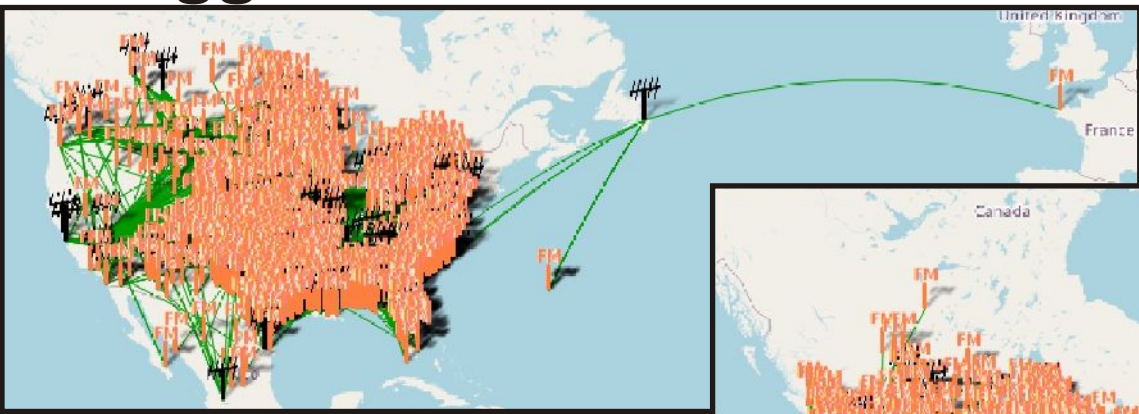
The store can be found at <https://www.redbubble.com/people/wtfda/shop?artistUserName=wtfda>

Any questions, comments, or feedback can be directed to store@wtfda.org

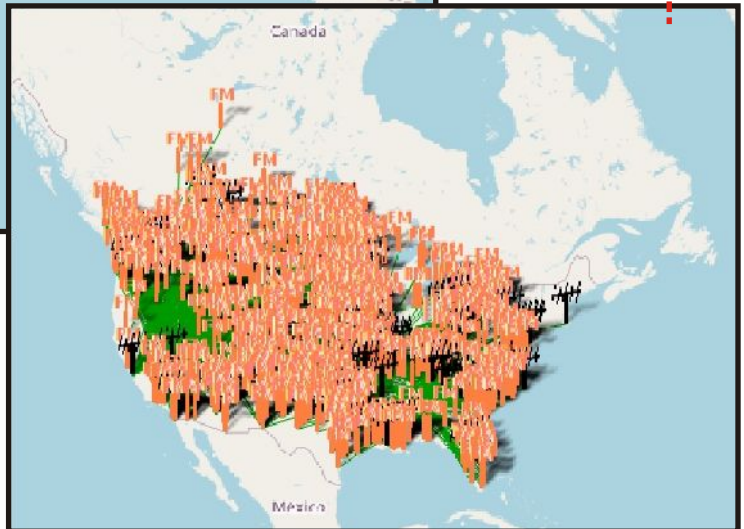


North American FM Es for June 2023. as logged on FMList

BY THE NUMBERS



June 11
1,573 logged stations
58 dxers reporting



June 12
1,297 logged stations
43 dxers reporting

The Top Five Dates

- June 11 1,573 logged stations, 58 dxers reporting
- June 12 1,297 logged stations, 43 dxers reporting
- June 22 833 logged stations, 43 dxers reporting
- June 5 542 logged stations, 27 dxers reporting
- June 10 384 logged stations, 33 dxers reporting

Slowest E'skip DX days of June 2023

- June 26 1 logged station, 1 dxer reporting
- June 17 4 logged stations, 2 dxers reporting

Cheaper ATSC 3.0 4K TV Receivers are Coming – With a Smart Design Twist

By [Al Griffin](#) Techradar published Feb 18, 2023

Better broadcast TV at a lower price for any TV, and without using an HDMI port

Hidden among the sprawling booths of the big electronics brands at CES 2023 was a small bunch of displays put on by manufacturers associated with the next-generation digital broadcast TV transition currently taking place in the US.

That new digital TV standard, [ATSC 3.0](#) (aka NextGen TV), promises to bring advancements including [4K](#) resolution video with high dynamic range and immersive audio formats such as Dolby Atmos to free, ad-supported broadcast TV. While those capabilities haven't yet been tapped by the ATSC 3.0 broadcast TV stations operating in 66 US markets, a footprint covering more than 50% of the country, some of the [best 4K TVs](#), including models from Sony, Samsung, LG, and Hisense now feature built-in ATSC 3.0 tuners.

CES 2023 turned out to be [something of a wash when it came to new TVs with ATSC 3.0 support](#). [Hisense](#) seemed to be the only one championing the format, with its [full lineup of 2023 mini-LED TVs](#) slated to get the feature. LG announced that it would appear in the company's higher-end models like the Z3 and [G3 OLED](#) sets – same as in 2022 – and the same goes for Samsung, which will provide the feature in its flagship sets like the [new S95C OLED](#). Sony, meanwhile, has yet to provide detailed specs for its 2023 TV lineup and TCL hasn't announced any new TVs with built-in ATSC 3.0 tuners. The sluggish ATSC 3.0 uptake among TV makers and broadcasters alike is concerning – industry group the National Association of Broadcasters (NAB) recently encouraged the FCC to take proactive steps to accelerate the transition, presumably by amending the requirement for ATSC 3.0 broadcasters to also simulcast programs in the older ATSC 1.0 format for five years after making the transition. Even so, examples of external hardware designed for tuning in NextGen TV broadcasts have emerged.

One such example is the ZapperBox M1, a set top box with a built-in ATSC 3.0 tuner that connects to TVs using an HDMI output. But at \$250, the M1 likely cost more than most viewers will want to pay to add that capability.

Among the companies exhibiting in the NextGen TV booth at CES was Tolka, which is part of broadcast industry group Pearl TV's FastTrack for NextGen TV program, an initiative aimed at hastening the commercial development of both ATSC 3.0-compatible TVs and inexpensive accessory devices for tuning in NextGen TV broadcasts. The company has created software to power a compact USB stick-type ATSC 3.0 tuner that plugs into a set's USB port and connects to a [TV](#)



[antenna](#). Such devices are being made by Atlanta-based company ADTH and should be available at retail later this year for under \$75.

The ZapperBox M1 (\$250) set top box connects to an antenna and plugs into an HDMI input on your TV. (Image credit: ZapperBox)

Cheap external tuners can accelerate the ATSC 3.0 transition

Broadcast TV has been a consistently popular form of entertainment in the US, even with the onset of cable and satellite and, later on, streaming services. In fact, FAST (free ad-supported TV) apps on smart TVs and streaming platforms like Roku (Roku TV) and Amazon Prime Video ([FreeVee](#)), have gained considerable traction, which is a testament to the power of free TV channels.

The problem with FAST apps is that the quality is generally bad – certainly less than viewers have come to expect in the 4K era. And while all ATSC 3.0 stations are currently broadcasting in regular HD instead of 4K, a situation partly due to bandwidth limitations created by the FCC’s simulcasting requirement, their ability to deliver higher-quality video and audio is compelling. Imagine being able to tune in sports in 4K – something you currently have to pay for a pricey cable or satellite TV package to experience. That was the case with the recent Super Bowl LVII, which was [transmitted in 4K with Dolby Vision HDR](#), but only by cable provider Comcast Xfinity.

Pearl TV’s FastTrack for NextGen TV program can help make free 4K sports and other programs happen by not just ensuring more new TVs coming to market are ATSC 3.0 compatible, but inexpensive external solutions such as ADTH’s forthcoming USB tuner become widely available so that older, ATSC 1.0-only TVs can make the upgrade. A much broader ATSC 3.0 tuner base can only help float the ATSC 3.0 broadcasting boat.

ADTH's compact, under-\$75 ATSC 3.0 tuner plugs into a TV's USB port and receives digital TV broadcasts.



ADTH's Tolka-powered USB tuner solution seems to be an especially good one, and not just because it's cheap. Using the set's USB port for tuning digital TV broadcasts will free up HDMI ports on the set for connecting the [best 4K blu-ray players](#), [XBox Series X](#) or

[PlayStation 5](#) game consoles, and the [best soundbars](#), and it eliminates the need for an external set top box.

Free ad-supported broadcast TV has life left in it – **as long as manufacturers keep making TV antennas, viewers will be buying them and plugging them into their sets**. But it’s time for the broadcasting industry to make a big leap forward in quality to keep pace with streaming services, and that’s something only a more rapid and complete transition to ATSC 3.0 can make happen.

FM Changes for August 2023

Data supplied by the FCC although some data obtained from internet sources and individuals.

This table contains facilities data plus format and/or slogan changes.


AK	K296DI	107.1	Barrow	silent 6/11/23; underwater cable was cut
AK	NEW	95.1	Fairbanks	99w/26m, 64-53-08/147-37-52
AK	NEW	98	Fairbanks	99w/26m, 64-53-08/147-37-52
AK	NEW	88.5	Homer	1watt, 237m, 59-40-16/151-30-32
AK	NEW	89.7	Homer	same specs as NEW 88.5 Homer
AK	NEW	89.1	Ketchikan	99w/06m, 55-20-22/131-37-35
AK	NEW	92.1	Kodiak	1watt, 310m, 57-47-20/152-26-04
AK	NEW	88.3	Kodiak	same specs as NEW 92.1 Kodiak
AK	NEW	88.9	Soldotna	20w-V/61m, 60-31-19/151-04-24
AL	WKXN-FM	95.7	Fort Deposit	Urban Contemporary: 'Slogan to: '95.7 WKXN'
AL	WOAB	105.1	Ozark	format: country 'Big Country 105'
AR	KXRL	90.1	Cherry Valley	Returns to the air with Urban Gospel: 'Reach Radio Gospel'
AR	K276CO	103.1	Fayetteville	change primary to WUON
AR	K276CO	103.1	Fayetteville	Returns to the air with Regional Mexican: 'La Maxxima' (KUOA-1290)
AR	KSJL-LP	106.7	Fort Smith	silent 7/7/23 due to financial problems
AR	KHPA	104.9	Hope	silent 6/24/23 audio processor problem
AR	KBGB	105.7	Magness	Classic Country: 'The Bull 96.3 & 105.7' [KAWW-1370 (K242AZ 96.3)]
AR	K204DN	88.7	Paragould	silent 6/29/23 due to equipment failure
AZ	KPJM	88.1	Payson	initial calls
AZ	K298CK	107.5	Phoenix	change primary to KVCP-HD4
AZ	KJDB-LP	94.1	Sierra Vista	50w/-32m, 31-33-16/110-15-51
AZ	KJDB-LP	94.1	Sierra Vista	Silent 6/17/23 pending move
BC	CJSU-FM	89.7	Duncan	Variety Hits; slogan to: 'SUN FM'
CA	KVPM-FM	95.7	Arvin	Urban Adult Hits; slogan to: 'Old School New School'
CA	KZCF	91.5	Atwater	Silent 7/14/23 pending move by new licensee
CA	K213BQ	96.5	Big Bear City	10w-V, 34-16-16/116-51-24
CA	KUBO	88.7	Calexico	17k/217m, 32-57-29/115-50-22
CA	K208GB	89.5	Crescent City	change primary to KLVG
CA	K272AY	102.3	Crescent City	silent 6/14/23, tower removed
CA	KZCS-LP	97.5	Davis	license canceled
CA	K270AF	101.9	Grover City	change primary to KAWZ 89.9
CA	KSRW	92.5	Independence	Format to: Classic Rock; slogan to: 'Sierra's Best Classic Rock'
CA	KDNT	89.5	Los Banos	initial calls
CA	KRYA-FM1	92.7	Malibou Vista	license canceled
CA	K220IA	91.9	Maple Creek	change primary to KEFX 88.9
CA	KUGA-LP	95.7	Sacramento	license canceled
CA	KNZR-FM	97.7	Shafter	Format to: Spanish Conservative Talk; slogan to: Verdad 2560; No longer // KNZR-1560
CA	K253AA	98.5	Susanville	drop power to 11w, 40-27-13/120-34-18
CA	K212FA	90.3	Temple City	silent 6/24/23 pending antenna repair
CO	K214CA	90.7	Grand Junction	silent 5/17/23 with unknown problems
CT	W248CR	97.5	Windsor	Format to: Zydeco: 'La Raza' (WKND-1480)
DC	W284CQ	104.7	Washington	Talk: 'Freedom 104.7' (WMZQ-FM 98.7 HD-2)

FL	W296DK	107.1	Fort Lauderdale	format: Portuguese 'Nossa Radio'
FL	W204BW	88.7	Gulf Breeze	19watts 30-24-26/86-58-56
FL	WFQZ	89.1	Stock Island	500w/31m, 24-34-19/81-44-24, initial calls
FL	W282CC	104.3	Zephyrhills	Format to: Variety; slogan to 'Boss Hog Radio' (WZHR-1400)
GA	WWZR	100.3	Brunswick	license canceled
GA	WJEP	91.1	Cusseta	Format to: Contemporary Christian; slogan to: 'Worship 24/7'
GA	W247CJ	97.3	Manchester	120w, 32-51-07/84-42-06
GA	NEW	89.9	Pelham	920w/100m, 31-08-09/84-06-16
GA	WABW-FM	89.9	Pelham	initial calls
GA	WXJR-LP	102.1	Talking Rock	silent 6/16/23 due to financial difficulties
HI	k246BR	97.1	Honolulu	99w, change site to 21-24-11/158-05-52
HI	K268BE	101.5	Honolulu	250w, change site to 21-24-11/158-05-52
IA	KLCJ	104.1	Carencro	Sports: slogan to: 'ESPN 103.7' [KLWB-FM 103.7]
IA	KCII-FM	106.1	Washington	Format to: Classic Hits; slogan to: 'KCII Radio' [KCII-1380 (K273CC 102.5)]
IA	K226CK	93.1	Waterloo	Religious Teaching; slogan to: 'Faith 93.1' (KNWS-1090)
ID	K246CU	97.1	Bonnars Ferry	Talk; slogan to: 'Talk Radio 1450'
ID	KBSC	91.9	Cambridge	initial calls
ID	KBXU	91.3	Challis	initial calls
ID	K248BZ	97.5	Kimberly	Format to: Spanish CHR; slogan to: 'Mega 97.5' (KXTA-FM 99.1 HD3)
ID	KBXS	90.1	Salmon	initial calls
ID	KBXM	88.3	Salmon	initial calls
ID	K287BT	105.3	Sandpoint	200w, 48-19-19/116-23-35
ID	KBSP	90.7	Stanley	initial calls
IL	WRMJ	102.3	Aledo	6k/91m, 41-12-31/90-47-56
IL	WLWY-FM	107.9	Aurora	Regional Mexican: slogan to: 'La Ley 107.9' [includes their 4 Booster stations and three translators]
IL	W293AF	106.5	Davnnville	silent 7/7/23 transmitter problems
IL	WCFS-LP	105.9	DeQuoin	silent 6/28/23; due to staffing and financial problems
IL	WLNX	88.9	Lincoln	silent 7/10/23 with transmitter issues
IN	WBTV	93.3	Kendallville	25k/46m, 41-21-39/85-04-44
IN	WFML	96.7	Vincennes	Format to: Rock; slogan to: '96.7 The Rock'
KS	KVWF	100.5	Augusta	Format to: Country; slogan to: 'My Country 100.5'
KS	K275CT	102.9	Garden City	Format to: Spanish CHR; slogan to: 'La Raza 102.9 and 1340' (KGGG-1340)
KS	K285HE	104.9	Garden City	Talk; slogan to: 'News Radio 1240' (KIUL-1240)
KS	K224FF	92.7	Kansas City	Format to: Spanish Religious Teaching
KS	K211CH	90.1	Leoti	silent 6/24/23; loss of primary signal
KS	K253CW	98.5	Scott City	Format to: Sports; slogan to: 'Newsradio 1310' (KYUL-1310) [move from 107.1 as K296HG]
KS	KWME	92.7	Wellington	Format to: Classic Hits; slogan to: 'Classic Hits 92.7'
KS	KVWF	100.5	Wichita	format: country 'My Country 100.5'
KY	WHBE-FM	105.7	Eminence	Sports; slogan to: 'ESPN Radio 680 Louisville - 105.7 Frankfort' [WHBE-680]
LA	K236CW	95.1	Crowley	Classic Country; slogan to: 'Freedom 95.1' (KSIG-1450)
LA	KBYS	88.3	Lake Charles	15k/86m, 30-13-45/93-12-19
LA	KSLO-FM	105.3	Simmesport	Format to Zydeco; slogan to: 'KSLO - Home of Zydeco'
MA	WDJM-FM	91.3	Framingham	silent 6/30 (300day STA) student apathy
MA	WQPH	89.3	Shirley	returned to air 7/26
MD	W232DG	94.3	Frederick	112w, 39-29-41/77-29-59

ME	WPKC-FM	92.1	Sanford	change calls from WXEX, now K-LOVE
ME	W282CS	104.3	Sanford	Format to: Classic Hits; slogan to: 'Seacoast Oldies' (WWSF-1220)
MI	WSBX	94.5	Mackinaw City	Call change from WYPV (station is silent)
MI	W299CK	107.7	Midland	Format to: Classic Hits; slogan to: 'Sunny 97.7' (WMPX-1490) [// WMRX 97.7]
MI	NEW	88.1	Wells	3k/117m, 44-46-47/87-08-26
MN	KGPL	88.1	Crookston	initial calls
MN	KJCL	88.3	Fergus Falls	initial calls
MO	K270BW	101.9	Bellefontaine	change primary to KJLY-HD3
MO	KCKZ	102.5	Huntsville	silent 7/6/23 transmitter failure
MO	K283CI	104.5	St. Louis	change primary to KFUE
MS	WLYY	90.7	Louisville	change calls from KOUI
MS	WALH	101.7	New Augusta	initial calls
MT	KXDR	106.7	Pinesdale	Rock; slogan to: 'KXDR The Rock'
MT	KENR	107.5	Superior	Hot AC; slogan to: 'Star FM' [includes KENR-FM1 Missoula]
NC	W252DI	98.3	Concord	Format to: Contemporary Christian; slogan to: 'K-Love'
NC	WKRP-LP	101.9	Raleigh	silent 6/24/23 pending transmitter repair
ND	KFAA	89.5	Horace	3k/50m, 46-49-18/96-50-30
NE	K209FS	89.7	Columbus	silent 7/6/23; lost site
NE	KVJR	89.9	Crawford	initial calls
NE	KJYS	88.1	McCook	initial calls
NE	K292AX	104.3	Paxton	99watts, 41-07-41/101-07-53
NH	W268DO	101.5	Chester	Classic Hits: 'Seacoast Oldies'
NH	W237FA	95.3	Nashua	drop power to 120w, 42-44-04/71-23-36
NJ	WJLK	94.3	Ashbury Park	change calls from WJLK-FM
NJ	WJSE	106.3	North Cape May	Format to: Adult Alternative; slogan to: 'Planet 106.3'
NJ	WJLK-FM	92.7	Toms River	change calls from WOBN
NU	CKAV-FM	96.5	Arviat	New Station launched with a Variety format (Aboriginal); 383 Watts at 4.5 Metres
NV	K245DC	96.9	Carson City	silent 6/29/23 primary (KBZZ) is silent
NV	KWPR	88.7	Lund	silent 3/20/23 pending satellite dish repair
NY	W284AP	104.7	Buffalo	change primary to WKSE-HD2
NY	W255DH	98.9	Buffalo	Format to: CHR; slogan to: 'Hot 98.9' (WBBF-1120)
NY	WBKV	102.5	Buffalo	Format to Contemporary Christian: slogan to: 'K-Love'
NY	WKZA	106.9	Lakewood	format: oldies 'Kissin Oldies 106.9'
NY	WKZA-FM	106.9	Lakewood	Oldies; slogan to: 'Kissin' Oldies 106.9' [no longer // WKSN-1340]
NY	W261EB	100.1	Lancaster	Format to: CHR; slogan to: 'Hot 98.9' (WBBF-1120)
NY	W263CE	100.5	Ogdensburg	silent 5/31/23 pending tower relocation
NY	W206AQ	89.1	Plattsburg	silent 5/27/23; cannot detect satellite feed
NY	WXXI-FM	91.5	Rochester	Now // WXXI-1370
OH	W299CJ	107.7	Oberlin	Classic Country; slogan to: 'Lorain Country 1320 AM & 107.7 FM' (WOBL-1320)
OH	W202AW	88.3	Sandusky	change primary to WYFQ-FM
OK	K204FY	88.7	Fairview	silent 6/26/23; loss of primary signal
ON	CKBG-FM	107.9	Amherstburg	New Station launched with AC/Talk format; slogan: 'The Burg'; 50 Watts at 50 Metres
ON	CBOI-FM	95.5	Ear Falls	Moved here from 690 kHz; 250 Watts at 100 metres
ON	CFXN-FM	106.3	North Bay	Format to: Classic Hits; slogan to: 'Jet FM'
ON	CJLL-FM	97.9	Ottawa	Ethnic (Chinese); slogan to: 'CHIN 97.9'
ON	VF3000	89.5	Southampton	New Station launched with Tourist and Travel information; 50 Watts at 3 Metres

ON	CKLU-FM	96.7	Sudbury	College; slogan to: 'CKLU 96.7'
ON	CHIN-FM	100.7	Toronto	Ethnic (Chinese); slogan to: 'CHIN 100.7' [includes CHIN-1-FM 91.9]
OR	KXRU-LP	105.5	Portland	100w/9m, 45-32-31/122-34-43
PA	W239CR	95.7	Ambridge	Is Silent as primary station WMBA-1460 is silent; STA granted to 7 January 2024
PA	WCCR-FM	92.7	Clarion	format: hot AC 'Pop' (WPQP 93.1)
PA	WCGM	89.3	Columbus	change calls from WTWP
PA	WQOQ	90.5	Laceyville	Religious Teaching; slogan to: 'JMJ 750 AM' (includes W260DV 99.9)
PA	W263DB	100.5	Lancaster	Format to: Spanish CHR; slogan to: 'Rumba 100.5' (WLAN-1390)
PA	W225CK	92.9	Lewistown	Format to: Oldies; slogan to: 'Big Lewie 92.9 - 670' (WLUI-670)
PA	W298CR	107.5	Mexico	Classic Rock: '99.5 The Bus' (WJUN-1220) [WBUS 99.5]
PA	W258DJ	99.5	Nescopeck Pass	Classic Hits: 'Gem 99 and 100' (WGMF-730)
PA	WFXS-FM	98.7	Pleasant Gap	Format to: Sports; slogan to: 'Sports Radio 98.7 The Fox'
PA	WQFX-FM	103.1	Russell	Classic Rock; slogan to: 'Rock 103'
PA	WNLI	94.5	State College	silent 6/13/23 due to loss of programming
PA	W282BK	104.3	Tunkhannock	Format to: Classic Hits; slogan to: 'Gem 99 & 100' (WGMM-1460)
PA	WERI	102.7	Wattsburg	Format to: Contemporary Christian; Slogan to: 'Family Life Network'; call change from WCGM (includes W238BG 95.5 & W268CI 101.5)
PR	W283DR	104.5	Aguadilla	Move from 99.1 as W256DX
PR	WLYM-LP	90.9	Mayagues-Anasco	10w/12m, 18-10-53/67-10-03
RI	NEW	91.5	Portsmouth	3k/68m, 41-25-26/71-28-32
RI	W296EO	107.1	Providence	250w, 41-49-39/71-22-07
SC	W277DC	103.3	Batesburg	change primary to WPRT-HD4
SC	WYRF-LP	92.5	Florence	silent 6/15/23 with financial difficulties
SC	WNIR-LP	95.5	Newberry	silent 6/26/23 pending roof replacement
SC	WLTE	95.5	Powdersville	change freq from 95.9 and COL from Pendleton, 6kw 80m
SC	WYCJ-LP	1-4.5	Simpsonville	67w/38m, 34-45-23/82-12-22
SC	WAAW	94.7	Williston	Sports; slogan to: 'Fox Sports 94.7'
SD	KLUV	89.7	Huron	Call change from KSPF [Yes, the FCC assigned the former call of 98.7 Dallas, TX to two stations; see Oakwood, TX]
SD	K296FI	107.1	Pierre	silent 6/28/23 due to equipment damage
SD	KDLO-FM	96.9	Watertown	STA extended for operation with decreased power and antenna height
TN	WRJB	95.9	Camden	Classic Rock; slogan to: 'B95'
TN	W266EA	107.3	Chattanooga	99w, 35-12-26/85-16-52
TN	WRDF	106.3	Columbia City	3.8k/128m, 41-06-39/85-11-44
TN	W251CO	98.1	Jamestown	Format to: Contemporary Christian; slogan to: '98 The One' (WDEB-1500)
TN	WDEB-FM	103.9	Jamestown	Country; slogan to: 'Great American Country 103.9'
TN	W249BN	97.7	Memphis	format: AAA 'The Pig' (WOWW 1430)
TN	WPGF-LP	87.7	Memphis	Format to: R&B Oldies; slogan to: 'Right On Radio'
TN	W242CF	96.3	Memphis	Format to: Classic Hip-Hop; slogan: 'Bumpin 96.3' (WHBQ-FM)
TN	W270BK	101.9	Nashville	change primary to WPRT-HD4
TX	KGSR	93.3	Austin	Format to: Spanish CHR; slogan to: 'Latino 93.3'
TX	KBHT	104.9	Bellmead	Format to: Classic Country; slogan to: 'Kicker' // KEKR-1590 Mexia (K257GO 99.3)
TX	K292FE	106.3	Big Spring	Classic Hits; slogan to: 'Rewind 106.3'
TX	KGSR	93.3	Cedar Park	Format to: Spanish Soft AC; slogan to: 'Latino 93.3'

TX	KXCS	105.5	Coahoma	Format to: Classic Country; slogan to: '105.5 The Legend'
TX	KHWD	91.5	Gruver	3k/67m, 36-12-11/101-13-04
TX	K231DK	94.1	Longview	Primary station KFRO-1370 has filed to resume operations
TX	K260CE	99.9	Longview	Format to Religious Teaching; slogan to: 'Bott Radio Network' (primary station change to KTAA 90.7)
TX	KOUI	88.3	Mount Pleasant	change calls from KYZQ
TX	KRWD	100.7	Muleshoe	change calls from KUXL
TX	KLUV	94.5	Oakwood	Silent 7/28/23; loss of programming, change calls from KDNT
TX	KRWP	103.3	Pampa	change calls from KDRL
TX	KRGX	95.1	Rio Grande City	silent 6/15/23; lost site due to financial difficulties
TX	K280CL	103.9	Rusk	Silent 7/28/93; loss of programming (KLUV 94.5)
TX	KSZX	105.5	Santa Anna	Format to: Country; slogan to: 'The Bull 105.5'
TX	KSEY-FM	94.3	Seymour	silent 3/17/23 pending equipment replacement
TX	K289CP	105.7	Seymour	silent 3/17/23 pending equipment replacement
VA	WWZW	96.7	Buena Vista	2.65k/306m, 37-43-38/79-18-23
VA	W225CU	92.9	Highland Springs	Spanish CHR: 'Ultra 94.1' (WVNZ-1450)
VA	W227BR	93.3	Portsmouth	change primary to WNOH-HD3
VA	W231DP	94.1	Richmond	Spanish CHR: 'Ultra 94.1' (WULT-1540)
VA	W269DC	101.7	Richmond	Spanish CHR: 'Ultra 94.1' (WBTL-1450)
VI	NEW	88.3	Charlotte Amalie	275w/305m, 18-19-48/64-54-38
VI	WRPL	88.3	Charlotte Amalie	initial calls
VT	WOMM-LP	105.9	Burlington	silent 7/2/23 pending antenna relocation
WA	K209FO	89.7	Ollympia	35w, 47-02-36/122-51-52
WA	KPLP	104.5	White Salmon	silent 6/17/22; site relocation problems
WI	NEW	91.9	Ashland	4.5k/103m, 46-35-23/90-50-13
WV	WVOW-FM	101.9	Logan	Talk; slogan to: 'WVOW 101.9 FM - AM1290'
WV	WCST	98.7	Pocatalico	format: classic rock '98.9 The Mountain'



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From the "There's a Sucker Born Every Minute" Files at Channel Master

TV News for August 2023

KCFW 9 Kalispell, Montana Granted Move to Channel 17.

Want to know why? Here is what they told the FCC:



Serious propagation problems associated with digital television broadcast (DTV) use of high-VHF television channels (7-13) remain unsolved. These are also well documented, both before and especially after the initial digital transition on June 12, 2009. These propagation and reception problems for channels 7-13 have been severe enough for the FCC to have broken the ERP limit in Zone I where the ERP limit for channels 7-13 is 30 kW at 305 meters HAAT, and has granted a construction permit for a

channel 7 facility with an ERP of 34 kW at 500 meters HAAT which met the FCC interference criteria. As a result this extraordinarily powerful authorized facility extends the distance to the noise-limited- contour by 19% and increases the predicted coverage area by 35.9% beyond the maximum distance and area permitted by the Rules in Zone I. And yet reception problems remain and continue to frustrate DTV broadcasters that use VHF channels, and a significant number of those station continue to struggle with propagation problems along with the subsequent viewer complaints. This proposal seeks to remedy this well known systemic problem in this instance by changing KCFW-TV's channel from VHF 9 to UHF 17, thereby providing its viewers with a significant improvement in reception capability.

KCFW-TV's licensee has determined that the proposed migration from channel 9 to channel 17 will be a favorable arrangement of allotments based on the enhanced signal levels that will be delivered to a majority of the population within the station's "protected service area". Note that a change to channel 17 results in a predicted increase of more than 38,800 persons in the overall potential viewer population while retaining the existing viewers of channel 9, except for a predicted loss of 75 persons, which is considered de minimis. The licensee believes that changing KCFW-TV to operate on channel 17 will solve most, if not all of its current reception problems.

KCBY 11 Coos Bay, OR Granted Move to Channel 34.

Here is part of their letter to the FCC:



The proposed channel substitution would serve the public interest because KCBY has had a long history of dealing with severe reception problems. The reception issues were exacerbated by the analog to digital conversion. This is not surprising as the Commission has long recognized that "VHF channels have certain characteristics that have posed challenges for their use in providing digital television service," including "propagation characteristics of these channels [that] allow undesired signals and noise to be receivable at relatively farther distances," and the fact that "reception of

VHF signals requires physically larger antennas that are generally not well suited to the mobile applications expected under flexible use, relative to UHF channels."3 The Commission has also stated that studies have found "large variability in the performance (especially intrinsic gain) of indoor antennas available to

consumers, with most antennas receiving fairly well at UHF and the substantial majority not so well to very poor at high-VHF.”

These sound conclusions by the Commission have proven to be absolutely correct and are entirely consistent with the experience of KCBY operating on VHF Channel 11. Indeed, KCBY has received numerous complaints from viewers unable to receive the Station’s over-the-air signal, despite being able to receive signals from other local stations. Permitting KCBY to operate on UHF Channel 34 instead of VHF Channel 11 will alleviate the Station’s reception issues and will improve service to local viewers. Importantly, the proposal will result in more effective building penetration for indoor antenna reception and will also greatly improve the Station’s ability to provide ATSC 3.0 service to homes, vehicles and portable devices, to the ultimate benefit of the Station’s viewers and the public interest in the Coos Bay area.

K15FJ-D Lakeport, CA goes Silent. Something’s Rotten in Lakeport

Their letter to the FCC states:

The shed enclosure for K15JF-D was installed at the tower site in the 1980s and was becoming rotted. Therefore, the old enclosure is being torn down and a new single rack outdoor enclosure is being installed. In order to remove the old enclosure, it was necessary to remove all the equipment. The new enclosure is planned to arrive onsite within a week. And, then the electric power will be connected and the enclosure bolted to the concrete slab and the equipment reinstalled.

WKNX-TV Channel 7, Knoxville, TN NPRM

The Video Division, Media Bureau (Bureau), has before it a petition for rulemaking filed on February 7, 2023, and amended on March 2, 2023, by Tennessee TV, LLC (Petitioner), the licensee of WKNX-TV, channel 7, Knoxville, Tennessee (WKNX-TV or Station). The Petitioner requests the substitution of channel 21 for channel 7 at Knoxville, Tennessee, in the Table of TV Allotments. (NPRM was adopted.) Interested parties may file comments, including counterproposals, on the NPRM in MB Docket No. 23-244 and RM-11955 on or before thirty (30) days after publication in the Federal Register and reply comments on or before forty five (45) days after publication in the Federal Register.





FM DX Recap

John Zondlo - 4009 Driftwood Cir. - Yukon,
OK 73099

fmdxweb@cox.net - Next deadline: August
25

August 2023

Russ Edmunds - WB2BJH - Blue Bell, PA - Grid FN20id - EDT - [grid square of stn received]
2 SDRPlay RSP1A SDR's, APS-9B antenna @ 15'

6/22 Es

1057 WHGN	91.9	FL	Crystal River, Moody ID, [EL98]	882
1058 WMAU	88.9	MS	Bude, RDS capture, PI: 75EB, [EM41]	1056
1058 WMPN	91.3	MS	Jackson, RDS capture, PI: 75EB, [EM42]	989
1059 WPAE	89.7	MS	Centreville, RDS capture, PI: 7C48, [EM41]	1082
1100 WMBU	89.1	MS	Forest, Moody and local ID, [EM52]	951
1100 WSMR	89.1	FL	Sarasota, RDS capture, PI: 8579, [EL87]	988
1100 WAQL	90.5	MS	McComb, ID, [EM41]	1046
1100 KCKR	91.9	LA	Church Point, Sonlife, [EM30]	1162
1110 KYFL	89.5	LA	Monroe, RDS capture, PI: 4FED, [EM32]	1072
1110 WMAE	89.5	MS	Booneville, RDS capture, PI: 74SC, [EM54]	822
1114 WDYE	90.3	AL	Dothan, promo for church event, "Faith Radio," [EM71]	841
1115 WDVH	101.7	FL	Trenton, "Joy FM," [EL89]	844
1116 KLUY	88.7	AR	Searcy, K-Love, [EM45]	963
1118 WZLB	103.1	FL	Valparaiso, RDS capture, PI: 97CB, [EM60]	927
1119 WUWF	88.1	FL	Pensacola, ID, [EM60]	941
1120 WLRH	89.3	AL	Huntsville, ID, [EM64]	721
1120 WAVW	92.7	FL	Stuart, ID, [EL97]	937
1125 WAYJ	89.5	FL	Naples, "Way FM," [EL96]	1037
1126 WMKL	91.9	FL	Hammocks, RDS capture, PI: 7567, [EL95]	1043
1127 WSCF	91.9	FL	Vero Beach, ID, [EI97]	913
1133 WMXJ	102.7	FL	Pompano Beach, RDS capture, PI: 76B7, [EL95]	1019
1133 WFEZ	93.1	FL	Miami, ID, [EI95]	1019
1133 WLYF	101.5	FL	Miami, local ads thru semi-local WKXW, [EL95]	1020
1135 WLRN	91.3	FL	Miami, RDS capture, PI: 737B, [EL95]	1052
1140 WXDJ	106.7	FL	Fort Lauderdale, Spanish, Latin music, mentions of Miami, [EL95]	1017
1143 WAYF	88.1	FL	West Palm Beach, "Way FM," local ads, [EL96]	978
1145 WMLV	89.7	FL	Miami, RDS capture, PI: 758B, [EL95]	1052
1148 KAVK	89.3	LA	Many, RDS capture, PI: 122C, [EM31]	1131
1148 WCMQ	92.3	FL	Hialeah, Spanish, Miami ads, [EL95]	1031
1148 WBGJ	105.9	FL	Fort Lauderdale, ID, [EL95]	1008
1148 WRAZ	106.3	FL	Leisure City, Spanish, Florida mentions, [EL95]	1070
1149 WSFS	104.3	FL	Miramar, ID, [EL95]	1018
1150 WZTU	94.9	FL	Miami Beach, RDS capture, PI: 18AE, [EL95]	1031
1154 WIRK	103.1	FL	Indiantown, ID, [EL97]	949
1156 WAFZ	92.1	FL	Immokalee, Spanish ID, [EL88]	1007
1200 WRMB	89.3	FL	Boynton Beach, ID, [EL96]	982
1203 WQCS	88.9	FL	Fort Pierce, RDS capture, PI: 5BA2, [EL97]	925

1203 WFKZ 103.1 FL Plantation Key, RDS capture, PI: 62FD, [EL94] 1093
 1207 WKYZ 101.7 FL Key Colony Beach, RDS capture, PI: 7199, [EL94] 1127
 1207 WMBX 102.3 FL Jensen Beach, ID, [EL97] 949
 1207 WWLL 105.7 FL Sebring, ID, [EL97] 951
 1208 WURN 107.1 FL Key Largo, RDS capture, PI: 8B3F, [EL95] 1082
 1208 WQOL 103.7 FL Vero Beach, RDS capture, PI: A85F, [EL97] 907
 1208 WWUS 104.1 FL Big Pine Key, RDS capture, PI: A9DA, [EL94] 1129
 1214 WFKS 95.1 FL Melbourne, ID, [EL98] 886
 1214 WSGL 104.7 FL Naples, ID, [EL96] 1037
 1219 WGAY 105.7 FL Sugarloaf Key, local ads, [EL94] 1129
 1222 WXGL 107.3 FL St. Petersburg, ID, [EL88] 936
 1222 WBTT 105.5 FL Naples Park, local ads, [EL96] 1026
 1225 WPOZ 88.3 FL Orlando, RDS capture, PI: 7DC9, [EL98] 868
 1225 WRLX 94.3 FL Riviera Beach, Spanish, ID, [EN93] 964
 1230 WZFL 93.5 FL Islamorada, RDS capture, PI: 9739, [EL94] 1093
 1232 WMIB 103.5 FL Fort Lauderdale, RDS capture, PI: 1529, [EL98] 847
 1233 WCFB 94.5 FL Daytona Beach, ID thru local WGAC, [EL98] 847
 1234 WMIA 93.9 FL Miami Beach, ID, [EL95] 1031
 1243 WSLY 104.9 AL York, sports talk, [EM52] 903
 1250 WRKF 89.3 LA Baton Rouge, ID, [EM40] 1121
 1250 KHVU 91.7 TX Houston, Spanish religion, [EM20] 1324
 1255 KLFT 90.5 LA Kaplan, ID, [EL39] 1193
 1256 WWKA 92.3 FL Orlando, ID, [EL98] 863
 1258 WOLR 91.3 FL Lake City, RDS capture, PI: 973F, [EM80] 816
 1259 KJGM 88.3 LA Bastrop, Sonlife, [EM42] 1057
 1259 KRVS 88.7 LA Lafayette, bilingual English/French announcements, ID, [EM30] 1169
 1300 KAVX 91.9 TX Lufkin, ID, [EM21] 1240
 1300 WWRM 94.9 FL Tampa, ID, [EL87] 940
 1300 KLWB 103.7 LA Carencro, *Jim Rome Show*, per site, [EM40] 1158
 1300 KVCL 92.1 LA Winnfield, promo, [EM31] 1119
 1300 KBIO 89.7 LA Natchitoches, ID, [EM31] 1151
 1300 KPAQ 88.1 LA Plaquemine, ID, [EM40] 1131
 1300 KJVC 92.7 LA Mansfield, ID, [EM32] 1170
 1300 KPAE 91.5 LA Erwinville, ID, [EM40] 1123
 1303 KJLO 104.1 LA Monroe, weather, [EM32] 1066
 1307 KABZ 103.7 AR Little Rock, Arkansas sports, [EM34] 1009
 1307 WJXN 100.9 MS Utica, Air 1, [EM42] 992
 1308 KROI 92.1 TX Seabrook, Gospel service, [EL29] 1361
 1310 WJLV 94.7 MS Jackson, K-Love, [EM42] 996
 1315 KNTE 101.7 TX Bay City, RDS capture, PI: 3446, [EL18] 1417
 1315 KRBE 104.1 TX Houston, ID, [EL29] 1354
 1318 KNEK 104.7 LA Washington, ID, [EM30] 1160
 1323 KYKR 95.1 TX Beaumont, ID, [EM30] 1262
 1326 KHJK 103.7 TX LaPorte, Air One, [EL29] 1292
 1330 KVLU 91.3 TX Beaumont, RDS capture, PS: 48A6, [EM30] 1263
 1331 KHCB 105.7 TX Houston, ID, [EL29] 1354
 1349 KJCS 103.3 TX Nacogdoches, classic country, ID, [EM33] 1245
 1353 KNDE 95.1 TX College Station, ID, [EM10] 1353
 1400 KUT 90.5 TX Austin, ID, [EM10] 1438
 1400 KALD 91.9 TX Caldwell, ID, [EM10] 1367
 1409 KVLL 94.7 TX Wells, Spanish, ID, [EM21] 1258
 1421 KNCT 91.3 TX Killeen, ID, [EM10] 1401
 1421 KLUX 89.5 TX Robstown, promo, [EL17] 1533

7/7/23 Es

1250 KRLE 89.7 AL Carbon Hill, RDS capture, PI: 3E06, [EM64] 799
 1255 WPRG 89.5 MS Columbia, AFR, *Alistair Begg*, [EM51] 1020
 1255 WAQL 90.5 MS McComb, AFR, *Alistair Begg*, [EM41] 1046
 1255 WMAB 89.9 MS State College, RDS capture, PI: 7459, [EM53] 989
 1256 WSMR 89.1 FL Sarasota, RDS capture, PI: 8579, [EL87] 988
 1257 WMPN 91.3 MS Jackson, RDS capture, PI: 75EB, [EM42] 986
 1258 WJLV 94.7 MS Jackson, RDS capture, PI: 6D9F, [EM42] 996
 1317 WECQ 92.1 FL Destin, local ad, [EM60] 915
 1329 WMAU 88.9 MS Bude, RDS capture, PI: 75EB, [EM41] 1056
 1358 KSBJ 89.3 TX Humble, ID, [EM20] 1308
 1411 KAVK 89.3 LA Many, RDS capture, PI: 122C, [EM31] 1131
 1545 WECC 89.3 GA Folkston, RDS capture, PI: 5F6E, [EM90] 731
 1545 WAGP 88.7 SC Beaufort, ID, [EM92] 615
 1545 WJXR 92.1 FL Mccclenny, Spanish ID, [EL96] 779
 1545 WUFT 89.1 FL Gainesville, RDS capture, PI: 8A0D, [EL89] 825
 1547 WSSB 90.3 SC Orangeburg, jazz, promo, [EM93] 553
 1547 WBVM 90.7 FL Tampa, RDS capture, PI: 597A, [EL87] 939
 1547 WUSF 89.7 FL Tampa, RDS capture, PI: 8B51, [EL87] 940
 1547 WSCI 89.7 SC Charleston, RDS capture, PI: 846C, [FM02] 556
 1547 WDOG 93.5 SC Allendale, bogus RDS, country, only one in skip zone, PI: 0000, [EM93] 597
 1548 WHIF 91.3 FL Palatka, ID, [EL99] 808
 1551 WJCT 89.9 FL Jacksonville, RDS capture, PI: 6CB3, [EM90] 768
 1551 WYFE 88.9 FL Tarpon Springs, RDS capture, PI: 948E, [EM62] 915
 1551 WAPE 95.1 FL Jacksonville, ID, [EM90] 767
 1551 WMFQ 92.9 FL Ocala, RDS capture thru local WZML-LP, PI: 74EA, [EL89] 886
 1551 WJBT 93.3 FL Callahan, RDS capture thru local WMMR, PI: 1C98, [EM90] 769
 1551 WHGN 91.9 FL Crystal River, RDS capture, PI: 67CD, [EL98] 882

7/9 Es

1550 KLUR 99.9 TX Wichita Falls, RDS capture, PI: 2F25, [EM03] 1352
 1800 KCBK 91.5 OK Frederick, ID, [EM04] 1351
 1800 KAOW 88.9 AR Fort Smith, Bott Net ID, [EN00] 1211
 1800 KQCV 95.1 OK Shawnee, Bott Net ID, [EM15] 1198
 1804 KZKL 90.5 TX Wichita Falls, K-Love, only one in skip zone, [EM03] 1349
 1804 KOLI 94.9 TX Electra, ID, [EM03] 1368
 1812 KJTH 89.7 OK Ponca City, ID, [EM16] 1229
 1812 KNIN 92.9 TX Wichita Falls, pop, ID with local WZML-LP off, [EM03] 1351

7/14 Es

1050 WTGF 90.5 FL Milton, ID, [EM60] 936
 1050 WUWF 88.1 FL Pensacola, ID, [EM60] 941
 1118 WSTG 91.5 AL Andalusia, ID, [EM61] 869
 1127 WGSG 89.5 FL Mayo, Sonlife, [EM70] 826
 1311 WFSQ 91.5 FL Tallahassee, talk // WFSU 88.9, [EM70] 856
 1311 WFSU 88.9 FL Tallahassee, talk // WFSQ 91.5, [EM70] 844
 1355 KHKN 94.9 AR Maumelle, RDS capture, PI: 138D, [EM34] 1009
 1355 KIPR 92.3 AR Pine Bluff, rap, ID, [EM34] 1009
 1355 WBPC 95.1 FL Ebro, local ads, [EM70] 897
 1403 KWCV 88.9 AR Walnut Ridge, Bott, [EM45] 918
 1455 WWNO 89.9 LA New Orleans, classical, ID, [EL59] 1090
 1505 KTYL 93.1 TX Tyler, ID, [EM22] 1221
 1515 KFLO 89.1 LA Blanchard, ID, [EM32] 1171
 1515 KTYR 89.7 TX Trinity, Spanish, Radio Aleluya, [EM21] 1294
 1517 KWLA 103.1 LA Anacoco, ID, [EM31] 1183
 1520 KAVK 89.3 LA Many, RDS capture, PI: 122C, [EM31] 1131
 1520 KDAQ 89.9 LA Shreveport, 1940's music program // 88.9, [EM32] 1155

1520 KLDN 88.9 TX Lufkin, ID, [EM21] 1244
1520 KRUF 94.5 LA Shreveport, RDS capture over local WDAC, PI: 3EF1, [EM32] 1157
1520 KTXK 91.5 TX Texarkana, local promos, [EM23] 1146
1520 KYFP 89.1 TX Palestine, BBN, [EM22] 1269
1523 KIXB 103.3 AR El Dorado, RDS capture, PI: 2777, [EM33] 1086
1523 KOOI 106.5 TX Jacksonville, ID, [EM22] 1246
1529 KAVX 91.9 TX Lufkin, ending *Point of View*, per web listing, [EM21] 1240
1531 KHCB 105.7 TX Houston, ID, [EL29] 1354
1533 KRBE 104.1 TX Houston, ID, [EL29] 1354
1533 KVLL 94.7 TX Wells, Spanish, ID, [EM21] 1258
1533 KYFL 89.5 LA Monroe, RDS capture, PI: 4FED, [EM32] 1072
1536 KTXJ 102.7 TX Jasper, local event promo, [EM31] 1219
1540 KJGM 88.3 LA Bastrop, Sonlife, [EM42] 1057
1540 KVLU 91.3 TX Beaumont, RDS capture, PI: 48A6, [EM30] 1262
1540 WMAU 88.9 MS Bude, RDS capture, PI: 75EB, [EM41] 1056
1543 KAYT 88.1 LA Jena, ID, [EM31] 1131
1543 KYKR 95.1 TX Beaumont, ID, [EM30] 1262
1544 KOVE 106.5 TX Galveston, Spanish, "Amor," [EL29] 1347
1550 KQID 93.1 LA Alexandria, ID, [EM31] 1112
1550 KTSR 92.1 LA DeQuincy, ID, [EM30] 1223
1550 WBOX 92.9 LA Varnado, ID over local WZML-LP, [EM50] 1041
1552 KHJK 103.7 TX LaPorte, Air One, [EL29] 1292
1552 KLAA 103.5 LA Tioga, ID, [EM31] 1130
1554 KROI 92.1 TX Seabrook, ID, [EL29] 1361
1600 KBAN 91.5 LA DeRidder, ID, [EM30] 1193
1606 KSBJ 89.3 TX Humble, ID, PI: 3FAB, [EM20] 1308

7/18 Es

1112 WQCS 88.9 FL Fort Pierce, local PSAs, [EL97] 925
1119 WRMB 89.3 FL Boynton Beach, Moody Florida, [EL96] 982
1119 WLRN 91.3 FL Miami, RDS capture, PI: 737B, [EL95] 1018
1119 WMLV 89.7 FL Miami, K-Love, [EL95] 1052
1120 WAYJ 89.5 FL Naples, ID, [EL96] 1037
1120 WCNO 89.9 FL Palm City, preaching, only one in skip zone, [EL97] 946
1120 WTIR 91.9 FL Brighton Reservation, ID, [EL97] 960
1153 WSMR 89.1 FL Sarasota, RDS capture, PI: 8579, [EL87] 988

7/20 Es

1743 KQID 93.1 LA Alexandria, ID, [EM31] 1112
1745 KYFL 89.5 LA Monroe, BBN, [EM32] 1072
1745 WJLV 94.7 MS Jackson, K-Love, [EM42] 996
1745 WMAB 89.9 MS State College, ID, [EM53] 989
1745 WCQC 91.3 MS Clarksdale, ID, [EM44] 945
1749 WMAU 88.9 MS Bude, ID, [EM41] 1056
1813 WMPN 91.3 MS Jackson, RDS capture, PI: 75EB, [EM42] 986
1818 KAYT 88.1 LA Jena, ID, [EM31] 1131
1822 WRKF 89.3 LA Baton Rouge, ID, [EM40] 1121
1832 WBOX 92.9 LA Varnado, ID, local WZML-LP off, [EM50] 1041

John Zondlo – 4009 Driftwood Circle – Yukon, OK 73099 – All New – CDT

Sony XDR-F1HD tuner, AirSpy HF+Discovery, SDRPlay RSPdx, SDR Console, APS-9B antenna @ 16'

6/29 Tr

0024 K248CY 97.5 KS Wichita, CBS Sports, translator for KFH-1240 152

0108 KPFM 105.5 AR Mountain Home, "Country 105," call letters 305
0111 KXMX 105.1 OK Muldrow, "The Mix," weather, // webstream 178
1033 KBFC 93.5 AR Forrest City, country, "Delta Country, " fireworks show promo 394

7/7 Es

1933 KUPI 99.1 ID Rexburg, RDS, local spots 940
2056 WHRT 91.9 SC Cokesbury, CCM, RDS 884
2104 WWOS 91.9 SC St. George, call letters, promo for station yard signs 991
2116 WPGI 93.7 SC Georgetown, // WGLD with oldies, RDS 1060
2123 WLCZ 98.7 GA Lincolnton, urban Gospel, RDS 875
2136 WREK 91.1 GA Atlanta, RDS 769
2138 WNML 99.1 TN Friendsville, sports, "The Sports Animal" 764

7/7 Es

1710 WDCH 99.1 MD Bowie, Bloomberg Radio, RDS 1178
1714 WFQX 99.3 VA Front Royal, classic rock, "The Fox" 1100
1931 WSHA 89.3 SC S. Charleston, "The Walk FM," not Air 1 as in db, CCM, local announcements 1035

7/17 Es

1506 WKXW 101.5 NJ Trenton, RDS, new state capitol for me 1292
1511 WROZ 101.3 PA Lancaster, Air 1, RDS 1209
1541 WQIO 93.7 OH Mount Vernon, A/C, call letters 896
1556 WJYD 107.1 OH Circleville, RDS 858
1600 WQEJ 89.7 PA Johnstown, group ID for WQED stations, classical 1077
1612 WKOV 96.7 OH Oak Hill, obituaries for funeral home in Jackson OH 866

7/20 Es

1232 KTND 93.5 CO Aspen, RDS, rock 559

Mike Bugaj – 69 Sherman Rd – Enfield, CT 06082 – Time is EDT

All heard on a TEF6686 portable with an APS13 used as an antenna

7/30 Es

1702 KKTZ 107.5 AR Mountain Home, 2C6F with calls
1703 KBMV 107.1 MO Birch Tree, 13F1 PS K-LOVE
1705 KOMG 105.1 MO Willard, 3636 Pty country, 105.1 the Bull
1707 KKLH 104.7 MO Marshfield, 2B8D, PS= The Cave
1711 KOSP 92.9 MO Ozark, 36DB
1712 KXMO 95.3 MO Owensville, 4E02, Pty=classic hits
1715 KTXR 98.7 MO Springfield, 98.7 the Dove, NEW
1720 KKJO 105.5 MO St. Joseph, 2B60 PS=use-Jona (??), K-Joe 105.5
1728 WDZQ 95.1 IL Decatur, 5F2E,pty=country
1731 KATI 94.3 MO California, 11F^, 94.3 Cat Country
1734 KANU 91.5 KS Lawrence, 1166
1735 KSCV 90.1 MO Springfield, 3FD1
1736 KWND 88.3 MO Springfield, 4B6D, PS=Title&Artist on the Wind
1738 KMCV 89.9 MO High Point, 2FF9 pty Religious Talk, Seems to be Bott unless I confused it with another station. NEW

1740 WFYI 90.1 IN Indianapolis, 6454 and calls mentioned
1749 WQKQ 92.1 IL Dallas City, 7FFC,PS&RT= Title&Artist KQ92 Pty=Rock

I missed most of this opening due to driving back from New Hampsha with my wife from a rock concert Saturday night. The season has been mostly useless here except for June 24 from 9-10:30AM when Antenna 3 in the Azores was in thanks to an alert from Bryce. Almost all of my logs are relogs. The first half of July was unbelievably poor. I love my radio with the TEF6686 chip. This thing has lit a fire under me for FM Dxing again. Sometimes a new toy works wonders. I haven't Dxed with a regular radio for so long that it feels weird. Pleasantly weird.

TV DX and Photos

Eric Bueneman NØUIH 631 Coachway Ln, Hazelwood, MO 63042-1347
Email: n0uiheric@gmail.com - Deadline the 10th of the month



The summer skip season is now in full swing; some of us in various parts of North America have been reporting skip even into Cuba. During the opening of June 11, the signal meter was lighting up to the east on 3 and 6, and later to the west on 2 on the DTV tuner; no signals were strong enough to decode. This month's column features more DX from your editor, more DX pics from Ryan Grabow and a look back at a pair of my DX pics from the past.

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

1984 Samsung 19-inch color TV, 1999 Daewoo 13-inch color TV, two Zenith DTT-901 ATSC 1.0 DTV tuners, Channel Master CM3020 at 28 feet (8.5 meters) above ground level. All times CDT.

June 23, 2023 (tr)

0837 KOMU 27.1 (8.1) MO, Columbia (NBC), ex-RF 8 105/169
0837 KOMU 27.3 (8.3) MO, Columbia (CW) 105/169

KOMU has made the move back to UHF, this time on 27. This is the third channel on which I've logged the University of Missouri's commercial TV station, having previously logged them on RF Channels 8 and 36. Columbia is in the null of low power semi-local KBGU-LD. KOMU 27 is the 47th DTV logged from Missouri, passing Indiana into second place among the most productive DTV DX states (the only state I've logged more DTV stations from so far has been Illinois). I've been doing research about ATSC 3.0 tuners in recent months; after looking at Ryan's photos last month, it might be a good investment. My DTV total is 218 as of July 1. 73.

Now, here's more DX pictures from Ryan Grabow's DXpedition to Crystal River, FL.



WTVM 11 (9) Columbus, GA
267 miles (429 km) tropo
Seen May 11, 2023



**WGBP 17 (66) Opelika, AL
267 miles (429 km) tropo
Seen May 11, 2023**

And now, a couple blasts from the past from yours truly in Hazelwood, MO.

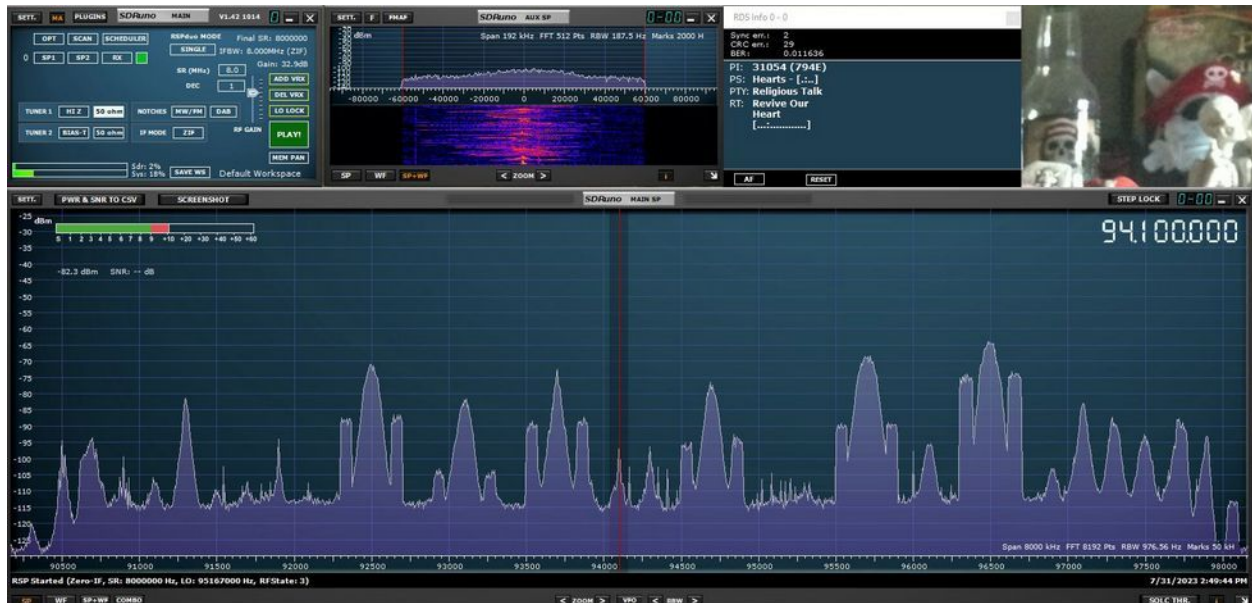


**WKAR 40.2 (23.2) East Lansing, MI
395 miles (635 km) tropo
Seen November 24, 2011**



**KNOP 2 (2) North Platte, NE
575 miles (919 km) E-skip
Seen May 25, 2014**

That's a wrap on this month's column! Tropo is just around the corner! 73 and good DX from the Florissant Valley Dial Twister.



There are many ways to configure SDRUno. This is just one of them. The spectrum module is on the bottom set at 8mhz. On/Off/Play module is on the top left followed by adjustable bandwidth, then the RDS module. If diversity mode is enabled then the diversity module would appear on the top right. With SDRUno you can have it your way.

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