

DXtra News

An additional (electronic-only) service of the National Radio Club

Volume 91, Extra No. 2 • March 25, 2024

Inside this issue . . .

- | | |
|------------------------------|-------------------------|
| 2 ... Interim AM Switch | 4 ... From the Listserv |
| 3... Broadcast Industry News | 5 ... FCC STA List |

From the Publisher: Thanks to everyone who reacted positively to our first issue of *DXtra News*. We'll try to keep this up in coming weeks.

This issue we have a large reference file for you: what I believe to be a complete list of currently authorized FCC "special temporary authority" on the AM band. There are 311 stations on the list, which shows just how common STAs have become in recent years. Most of these are in four categories: (1) temporary antennas due to loss of leased transmitter sites getting sold off for their real estate value or (less often) tower collapse or intentional replacement; (2) stations operating with problems in their licensed directional patterns, either with reduced power to compensate for a bad pattern in order to keep within maximum radiation levels in relevant directions or with nondirectional operation; (3) stations with reduced power due to transmitter problems; and (4) stations with higher power authorized to overcome foreign interference, usually Cuban, beyond what is permitted in international agreements. STAs are normally issued for six months at a time and so coming up with a comprehensive list and keeping it current has been a desired project for some time; I'm delighted to be able to share it with the membership now.

Help Wanted: I'd still like a volunteer or two to sift through the e-mail listserv for material worth archiving in *DXtra News*. We normally ran a page or two of these a month in *DX News* when Shawn Axelrod was doing his Target DX column; we can do more here with the additional space but I'd appreciate any help identifying and collating the material. Drop me (David Yocis) a line at NRCDXNews@gmail.com.



Interim AM Switch

FCC and CRTC changes since Issue 91-13 of *DX News* through Monday, March 25, 2024.

This material will appear in the next issue of *DX News*, but is made available now for members' information.

CALL CHANGES

As reflected in the FCC LMS database:

- 1050 KXCA OK Lawton – Call change to KKRX (effective Mar. 19).
1380 KKRX OK Lawton – Call change to KXCA (effective Mar. 19).

Other FCC actions:

- 970 WYSE NC Canton – Applies for call change to WEZZ (to be effective Mar. 31).
1470 WRPU IN Anderson – Granted call change to WGNR (to be effective Apr. 1).

STATIONS GOING DARK

- 720 KDWN NV Las Vegas – License cancelled Mar. 22 at licensee's request; had been silent since Mar. 1, 2023 after losing licensed site.
930 KBAI WA Bellingham – Licensee requested license cancellation Mar. 22.
1140 KXST NV North Las Vegas – License cancelled Mar. 22 at licensee's request; had been silent since Mar. 1, 2023 after losing licensed site.
1230 KSEY TX Seymour – Licensee requested license cancellation Mar 22; has been silent since Mar. 17, 2023 after station owner's death.

CONSTRUCTION PERMITS (CPs) FOR EXISTING STATIONS

CPs fully licensed and on the air:

1390 WEGP ME Presque Isle – Granted license to cover CP with U2 5000/5000, current site at 46-39-14.6, 68-02-59.7.

CPs granted:

870 KFLD WA Pasco – Granted CP with U1 10000/250, new site (co-located with KONA-610) at 46-10-26.2, 119-04-04.2.

1000 WMVP IL Chicago – Granted CP with U4 50000/37000, new site (diplexed with WCPT-820 night site) at 41-32-32.1, 88-02-05.2 (center of 2 day towers) and 41-32-29.1, 88-02-03.2 (center of 4 night towers).

1300 KKOL WA Seattle – Granted CP with U4 35000/3200, existing site at 47-39-18.3, 122-31-10.5.

Applications for CPs received:

760 KTBA AZ Tuba City – Applies for CP with U1 1000/160 on 730 kHz, existing site at 36-07-54.0, 111-15-01.5.

850 WSMZ MI Muskegon – Applies for CP with D1 250, new site at 43-12-23/86-10-33.

1440 WRED ME Westbrook – Applies for CP with U2 1000/1000, current site at 43-40-49.3, 70-22-44.6.

1590 KVTA CA Ventura – Applies for CP with U1 340/46, current site at 34-14-13.0, 119-12-12.0.

SPECIAL TEMPORARY AUTHORITY (STA)

STAs granted:

640 WCRV TN Collierville – Granted STA, U1 50000/120.

1230 WJBC IL Bloomington – Granted STA, U1 600/600.

1370 WCOA FL Pensacola – Granted STA, U3 4400/4400, night pattern 24 hours.

1430 KAMP CO Aurora – Granted STA, U2 6500/5000, transmitter problems.

Applications for STA and other variance notifications received:

610 WCEH GA Hawkinsville – Using U1 126/126 after Mar. 16 lightning strike.

1150 WXKO GA Fort Valley – Using U1 62/62 after Mar. 16 lightning strike.

1440 WPRD FL Winter Park – Applies for STA, U1 5000/250.

1480 WYZE GA Atlanta – Applies for STA U1 10/10 from whip antenna as in current STA, but from a new location at 33-41-48.8, 84-28-25.0.

Extensions of prior STAs granted (usually for an additional 6 months):

620 WDAE FL Saint Petersburg – Granted STA extension, U2 11200/11000, Cuba QRM.

940 WINZ FL Miami – Granted STA extension, U2 50000/25000, Cuba QRM.

970 WFUN OH Ashtabula – Granted STA extension, parameters at variance.

1250 WJIT PR Sabana – Granted STA extension, U1 100/100, whip at 18-28-51/66-23-59.

1520 KMPG CA Hollister – Granted STA extension, D1 3400.

1530 WCKY OH Cincinnati – Granted STA extension, U1 50000/12500.

1580 WWDN VA Danville – Granted STA extension, minor parameters at variance.

Applications to extend previously granted STAs received from WORA-760 Mayagüez PR, WFSN-790 Brunswick GA, WSMZ-850 Muskegon MI, WVOW-1290 Logan WV, WELE-1380 Ormond Beach FL, WKDV-1460 Manassas VA, and KVTA-1590 Ventura CA.

STAs no longer needed; stations notifying FCC that they are back to licensed operations:

580 WCHS WV Charleston – STA for U1 5000/1250 moot; back to licensed parameters Mar. 13.

720 KSAH TX Universal City – STA for night parameters at variance moot; back to licensed parameters Mar. 21.

1240 KLOA CA Ridgecrest – STA for U1 205/205 moot; back to licensed parameters Mar. 16.

1280 WNAM WI Neenah-Menasha – STA for U3 5000/5000 moot, back to licensed parameters Mar. 7.

SILENT STATIONS

Formerly silent stations notifying the FCC that they are on the air:

540 KNAK UT Delta – Silent Mar. 24, 2023; back on the air Mar. 18.

960 WHAK MI Rogers City – Silent Mar. 31, 2023; back on the air Mar. 16.

Stations notifying the FCC that they are silent:

1350 WZKO FL Fort Myers – Silent Feb. 15; “Barix Box” that feeds transmitter has failed.

1520 WINW OH Canton – Silent Mar. 13; transmitter needs replacement.

COORDINATE CORRECTION

760 WLCC FL Brandon – Coordinate correction to 28-01-31.1, 82-16-59.3.

NON-COMMERCIAL STATUS

780 KJME CO Fountain – Applies to change to non-commercial status upon completion of sale to Educational Media Foundation (*i.e.*, K-Love).

Broadcast Industry News

Some RadioInk.com articles of interest via Wayne Heinen:

TM Studios Brings Classic WLS Jingle Back To Chicago

<https://radioink.com/2024/03/15/tm-studios-brings-classic-wls-jingle-back-to-chicago/>

Mar. 15, 2024

One of radio's most memorable sonic logos of all time has new life. TM Studios unveiled a new jingle package for Cumulus Media's 94.7 WLS-AM, revitalizing the Chicagoland station's iconic 5-note melody first recorded in the 1960s and heard in *Ferris Bueller's Day Off*.

Crafted with a blend of contemporary and traditional Dallas jingle production methods, the package features live musicians and an entirely analog mix to complement the station's Classic Hits format.

The new sound is [on display here](#).

WLS PD Todd Cavanah gushed, "Just as I imagined, I think these might be the best and my favorite jingles that I have ever had a hand in designing. Love them!"

TM Studios COO Dave Bethell said, "As a jingle nerd, designing a package for Todd, WLS and with the ICONIC logo is an honor that we don't take lightly. Todd's brief was to create a package that ultimately pays homage to the amazing hits of the 80's while also hitting some positive sonic nostalgia of CHR radio from the 80's and 90's."

"Jingles are back," added TM Studios CEO Greg Clancy. "Just ask the WLS listeners, who are already singing the WLS logo in Chicago."



One Longtime Broadcaster Is Trying To Save A Small Texas AM

<https://radioink.com/2024/03/15/one-longtime-broadcaster-is-trying-to-save-a-small-texas-am/>

March 15, 2024

50-year radio veteran Fred Morton is spearheading an effort to revive a cherished AM in a small Texas town. Lamesa's KPET-AM went off the air in July following the unexpected death of its owner and operator, David Stewart, after 76 years of broadcasting.

Instead of leaving the town of 8,674 without, Morton, who had been Stewart's business partner for 15 years at KPET, is honoring Stewart's legacy by rallying the community of Dawson County. Recognizing the technical and financial challenges that arose after Stewart's passing, Morton has initiated a GoFundMe campaign with a goal of \$65,000 to bring KPET back to life.

Morton is part-owner of KWFB and KXXN in Wichita Falls, TX, along with KMGZ in Lawton, OK.

Describing the endeavor to KCBD-TV as a labor of love, Morton assures that all funds raised will directly contribute to the station's revival. Despite living in Oklahoma City, Morton is collaborating closely with former KPET employees and Dawson County residents who are also dedicated to the station's return.

The country station was known for super-serving Lamesa with high school sports play-by-play, local news, and church broadcasts.

With the one-year FCC deadline looming, Morton remains optimistic, pledging to have KPET operational by July 1st.



Who Is AM Hurting?

<https://radioink.com/2024/03/15/cameron-coats-who-is-am-hurting/>

Cameron Coats Mar. 15, 2024

As the anniversary of the AM For Every Vehicle Act's introduction approaches, I've begun to miss the excitement and camaraderie of those first few weeks and months – radio was flying high. When Ford reversed its decision to remove AM from all of its automobiles, everyone celebrated. At a time when the radio industry needed unity, we found a rallying point in AM.

But now the grumbling has restarted. "AM doesn't have any good programming." "People only listen to AM stations on FM translators." "It's best to let go of AM and focus on FM and streaming." And those grumbles are getting louder.

All this before the battle for the dashboard has been won.

A friendly reminder: it isn't the FM band that a majority of Congress wants to ensure remains in the dashboard. If radio gives up the fight and automakers are allowed to remove AM this year, especially after the fight we've given them in full public view, they won't stop there – not when there's an information and entertainment source in their vehicles they can't monetize.

It may not happen tomorrow, but it will happen if we don't head them off today.

Calling for the end of AM radio now negates the 400,000+ people who wrote, called, and messaged their legislators to say they Depend on AM, not to mention the tireless work of the NAB, state broadcast associations, and more. Sure, that's not everyone, but it certainly isn't an inconsequential number either.

I'm not pretending that the morning after the AM Act passes, everyone will wake up, turn their radios to AM, and drive to work with the volume all the way up. Does AM radio have real problems that need to be addressed? Yes. AM has a content issue. But you have to admit FM isn't exactly perfect, either. And we can get to those after the AM Act has passed.

The AM Act is a celebration of what radio still means and provides more than one hundred years after its invention.

So if AM succeeds, who would be hurt?

This industry will lose nothing by continuing to root for AM, but it could lose a great deal by stepping away from it now.

From the Listserve

Eclipse DX

Several posters (including Ed Efchak WX2R) pointed to the amateur radio research project to collect SDR recordings of the AM band during the eclipse. For more information and to sign up to participate, visit this site: <https://hamsci.org/mw-recordings/>

Information about the path of totality and timing: <https://www.greatamericaneclipse.com/april-8-2024>

Paul B. Walker, Jr. Fri 2024-03-22 2220 UTC

April 1st to 15th, WQSI562 in Morgan County, Indiana will run 100 Watts on 1700 kHz instead of their usual 10 Watts. The STA was asked for and granted because of the solar eclipse with totality traversing their immediate region and the safety/road issues caused by the huge influx of people during the last eclipse.

Resource for TP DXers

Chris Kadlec. Mon 2024-03-18 1046 UTC

For those who are curious about the topic, I have completed a new webpage covering my seven-week study of Chinese rumblers and jammers.

While I could have spent that time doing other things (as is always the case), I am especially proud of this study, which expands on my China AM ID Database I had finished just days prior to the rumbler question coming up.

The page includes: 70 SDR screenshots, a few hours of audio, maps of the rumblers and jammers, a map of cross-strait propaganda stations, a station guide and schedule of the rumblers and jammers, digital radio in China (DRM and CDR), and a look at the Taiwanese heavy metal jammer.

In addition to that, I have included my article about the study titled "Chasing the Chinese Rumblers: Who Killed the Frequency?" discussing the journey to find the source and purpose behind the rumblers.

Hopefully you will check it out to learn a few things and help make seven weeks of living and breathing rumblers and jammers somewhat worthwhile.

<https://www.chriskadlec.com/radio/rumblers>

FCC Special Temporary Authority

Updated to Monday, March 25, 2024

Most STAs are granted for six months and are subject to renewal. Expiration dates that have passed or are set to expire in the next two weeks are indicated in **red** (unless an application to extend has been filed); pending applications for new STAs or extensions are indicated in **blue**.

Unexpired STAs have been removed when the station has notified the FCC that it has resumed licensed operations. Note, however, that such notifications are not uniformly made.

- 540 WGOP MD Pocomoke City – STA for U1 10/10, tower at 38-04-36/75-32-16 (**expired 2024-02-11**).
- 550 WGR NY Buffalo – STA for operation without antenna monitor (expires 2024-07-29).
- WDEV VT Waterbury – STA for minor parameters at variance (expires 2024-06-19).
- 560 WHYN MA Springfield – STA for parameters at variance (expires 2024-07-18).
- WFIL PA Philadelphia – STA for U4 5000/1250, day pattern 24 hours (expires 2024-09-09).
- WNSR TN Brentwood – STA for U1 1000/75 from licensed night site as in CP (expired 2024-03-18, **application to extend filed 2024-03-12**).
- 570 WAAX AL Gadsden – STA for U1 5000/125 (expires 2024-07-01).
- WSYR NY Syracuse – STA for U4 3100/5000 (expires 2024-09-03).
- 590 KSSK HI Honolulu – STA for U1 1000/1000, inverted L-wire antenna at 21-18-39.8, 157-52-04.4 during work on licensed tower (expires 2024-09-09).
- 600 WSJS NC Winston-Salem – STA for U1 1250/1250, 332' LW at 36-07-00.5, 80-21-25.2 (expires 2024-09-12).
- WREC TN Memphis – STA for U4 5000/1000, day pattern 24 hours (expires 2024-08-12).
- 610 WGIR NH Manchester – STA for U4 5000/250, day pattern 24 hours (expires 2024-05-21).
- KILT TX Houston – STA for U1 915/915, KNTH-1070 tower at CP site 29-59-39/95-28-20 (expires 2024-08-12).
- KVNU UT Logan – STA for U3 1000/1000, night pattern 24 hours (expires 2024-08-01).
- 620 WDAE FL Saint Petersburg – STA for U2 11200/11000, Cuba QRM (expires 2024-09-24).
- 630 KICH GU Agaña – STA for U1 5000/5000, guy wires of KSDA (SW) tower at 13-20-27/144-39-04 E (expires 2024-05-15).
- 640 WMEN FL Royal Palm Beach – STA for U4 10000/4500, Cuba QRM (expires 2024-05-14).
- KWPN OK Moore – STA for U1 250/250 (expires **2024-03-27**).
- WCRV TN Collierville – STA for U1 50000/120 (expires 2024-09-16).
- 650 KPRP HI Honolulu – STA for U1 10/10 (expires 2024-05-20).
- 670 WWFE FL Miami – Application for STA for U4 50000/30000, Cuba QRM **filed 2023-10-13**.
- 680 WINR NY Binghamton – STA for U4 5000/85, day pattern 24 hours (expires 2024-06-11).
- 690 KCEE AZ Tucson – STA for D1 100 (expires 2024-04-15).
- WADS CT Ansonia – STA for D1 100, whip at 41-20-01/73-04-21 (**expired 2024-02-06**).
- KTSM TX El Paso – STA for minor parameters at variance (expires 2024-04-25).
- 700 WQVD MA Orange-Athol – STA for D1 50 (expires 2024-04-15).
- 720 WHYF PA Shiremanstown – STA for D1 2000 or less, LW 40-12-58/76-58-08 (expires 2024-07-07).
- 730 WLTV SC Charleston – STA for U1 1100/103 (expires 2024-01-10).
- 740 KCIK HI Kihei – STA for U1 2000/2000 as in CP (expires 2024-06-28).
- 750 WGMF PA Olyphant – STA for D1 500 (expires 2024-04-22).
- 760 WORA PR Mayagüez – STA for U1 1250/1250 (expires 2024-04-24; **applies to extend 2024-03-22**).
- 780 KJME CO Foutain – STA for U1 475/15, 125' drop wire at 38-49-08/104-46-32 (expires 2024-04-15).
- 790 KEJY CA Eureka – STA for U1 500/110, from KWSW-980/CP tower (expires 2024-05-12).
- WLBE FL Leesburg-Eustis – STA for U1 5000/250 (expires 2024-04-10).

	WAXY	FL	South Miami – STA for U4 10000/10000, Cuba QRM, normally is for U4 25000/25000 but is having transmitter problems (expires 2024-09-03).
	WSFN	GA	Brunswick – STA for D1 100, whip at 31-08-19/81-37-26 (expires 2024-03-26; applies to extend 2024-03-25).
	WKRD	KY	Louisville – STA for night parameters at variance (expires 2024-07-17).
801	KTWG	GU	Agaña – STA for U1 2000/2000, cost of electricity (expires 2024-07-29).
810	WRSO	FL	Orlovista – STA for U1 5000/21 (expires 2024-04-25).
	KXOI	TX	Crane – STA for U1 125/125 (expires 2024-04-24).
	WKVM	PR	San Juan – STA for U3 20000/20000 (expires 2024-04-10).
830	KHVV	HI	Honolulu – STA for U1 1000/1000, inverted L-wire antenna at 21-18-23.9, 157-53-07.2 during work on licensed tower (expires 2024-09-09).
850	WSMZ	MI	Muskegon – STA for U1 250/250, tower at 43-18-29/86-23-04 (expired 2024-03-17; application to extend filed 2024-03-18).
	KEYH	TX	Houston – STA for D1 500, tower at 29-49-32/95-22-35 (expires 2024-07-15).
	WTAR	VA	Norfolk – STA for U4 5000/5000 (expires 2024-07-15).
860	KTRB	CA	San Francisco – STA for U1 5000/5000 from KDOW-1220 tower at 37-29-04/122-08-04 (expires 2024-04-24).
	WDMG	GA	Douglas – STA for U1 900/25 (expires 2024-04-01; application to extend filed 2024-03-12).
	WOAY	WV	Oak Hill – STA for U1 7000/11 (ch 5000) (expires 2024-08-25).
880	WSLK	VA	Moneta – STA for D1 150, 42.1m LW at 37-10-01/79-37-49 (expired 2024-02-12).
890	KCEG	CO	Fountain – STA for U1 1000/11, 125' drop wire at 38-49-08/104-46-32 (expires 2024-04-15).
	KTXV	TX	Mabank – STA for U4 10000/250 (expires 2024-07-08).
900	KALI	CA	West Covina – STA for U1 1250/37 during construction (expires 2024-08-05).
	WNMB	SC	North Myrtle Beach – STA for U1 50/50, 61m LW at 33-50-05/78-47-03 (expires 2024-06-10).
910	WRKL	NY	New City – STA for U1 250/200 (expires 2024-03-28).
	WSRP	NC	Jacksonville – STA for U1 250/250, longstanding transmitter problems (expires 2024-09-02).
	KNAF	TX	Fredericksburg – STA for U1 500/120, slant wire 30-21-49/98-54-47 (expires 2024-05-15).
	WBZH	WI	Hayward – STA for U1 1500/75 (expires 2024-07-03).
920	KLMR	CO	Lamar – STA for U1 5000/125 (expires 2024-06-06).
	KYFR	IA	Shenandoah – STA for minor parameters at variance (expires 2024-05-27).
	WHJJ	RI	Providence – STA for U1 5000/1250 (expires 2024-08-28).
	KKLS	SD	Rapid City – STA for parameters at variance (expires 2024-09-12).
	KQBU	TX	El Paso – STA for U1 250/250, tower at 31-48-42/106-31-55 (expired 2024-02-13).
	KYST	TX	Texas City – STA for U4(?) 1000/500 (expires 2024-04-10).
	WURA	VA	Quantico – STA for U1 1750/243 (expires 2024-05-07).
930	WLSS	FL	Sarasota – STA for U1 1250/750 (expires 2024-04-11).
940	KYNO	CA	Fresno – STA for U1 12500/12500 (expires 2024-08-14).
	WINZ	FL	Miami – STA for U2 50000/25000, Cuba QRM (expires 2024-09-24).
	KKNE	HI	Waipahu – STA for U1 10/10 (expires 2024-05-20).
	WIPR	PR	San Juan – STA for U1 1000/950 from CP site (expires 2024-08-05).
950	WORL	FL	Orlando – STA for U2 12000/10000, Cuba QRM (expires 2024-06-21).
	WCTN	MD	Potomac-Cabin John – STA for U4 1000/350 (expires 2024-09-04).
	WIXZ	OH	Steubenville – STA for U1 250/87.5 (expires 2024-05-01).
	WBES	WV	Charleston – STA for U1 40/40, WVTS-1240 tower at 38-23-08/81-42-51 (expired 2024-03-13).
960	KNEW	CA	Oakland – STA for parameters at variance (expires 2024-07-01).
	KZIM	MO	Cape Girardeau – STA for U1 5000/125 or night parameters at variance (expires 2024-04-25).
	KNEB	NE	Scottsbluff – STA for U1 1250/87.5 (expires 2024-08-14).
	KGWA	OK	Enid – STA for U1 250/250 (expired 2024-02-18).
	WHYL	PA	Carlisle – STA for U1 1300/22, WCAT-FM tower at 40-17-23/77-08-10 (expires 2024-07-01).
970	KFEL	CO	Pueblo – STA for U1 200/185 (expires 2024-08-14).
	KQAQ	MN	Austin – STA for U4 3500/500 (expires 2024-06-17).
	WFUN	OH	Ashtabula – STA for parameters at variance (expires 2024-09-18).
	KFUO	OR	Portland – STA for parameters at variance (expires 2024-08-05).
	WWRK	SC	Florence – STA for U1 5000/31 (expires 2024-04-10).

	KIXL	TX	Del Valle – STA for U1 250/250 (expires 2024-04-30).
980	WDVH	FL	Gainesville – STA for U1 250/166 (expires 2024-06-17).
	WCAP	MA	Lowell – STA for U4 5000/1000 (expires 2024-03-27).
980	KTCR	WA	Selah – STA for U1 1000/125, KRSE-105.7 tower 46-42-42/120-37-22 (expires 2024-07-16).
990	WTLN	FL	Orlando – STA for U4 50000/290, day pattern 24 hours (expires 2024-03-25; application to extend filed 2024-03-15).
	KIKI	HI	Honolulu – STA for U1 1000/1000, inverted L-wire antenna at 21-18-23.9, 157-53-07.2 during work on licensed tower (expires 2024-09-09).
	KZZB	TX	Beaumont – STA for U1 250/250 (expires 2024-05-08).
1000	WRTG	NC	Garner – STA for D1 250 (expires 2024-05-01).
	WCCD	OH	Parma – STA for D1 100, whip at 41-26-47/81-37-22 (expires 2024-06-18).
	KNTN	WA	Seattle – STA for U1 50000/12500 (expires 2024-08-26).
1010	WXKG	GA	Atlanta – STA for U1 1000/78, flood damage to transmitter (expires 2024-09-16).
	KIHU	UT	Tooele – STA for U1 50000/48.5 (ch 10500) (expires 2024-05-05).
1020	KJJK	MN	Fergus Falls – STA for U1 60/60 (expires 2024-08-14).
	KCKN	NM	Roswell – STA for U4 30000/50000, night pattern 24 hours (expires 2024-07-01).
1030	WONQ	FL	Oviedo – STA for U1 45000/425 (expires 2024-04-10).
	KDUN	OR	Reedsport – STA for U1 25000/630 (expires 2024-09-09).
	WOSO	PR	San Juan – STA for D1 300, folded unipole 18-26-55/66-04-37 (expires 2024-07-15).
1040	WHBO	FL	Pinellas Park – STA for U1 3600/105 (expires 2024-03-26).
	WSGH	NC	Lewisville – STA for U4 1000/182 (expires 2024-08-21).
1050	KTCT	CA	San Mateo – STA for U4 50000/35000, Mexico QRM (expires 2024-06-28).
	WBQH	MD	Silver Spring – STA for U1 1000/40, WFED-1500 tower (CP site) (expires 2024-09-04).
	WAYS	SC	Conway – STA for U1 1000/473 (expires 2024-04-05).
1060	WIXC	FL	Titusville – STA for parameters at variance (expires 2024-09-14).
	WNPC	TN	Newport – STA for D1 30, wind damage to tower (expires 2024-09-10).
	KTSN	TX	Lockhart – STA for D1 500 (expires 2024-04-09).
1070	WFNI	IN	Indianapolis – STA for U1 200/200, whip at 39-46-04/86-09-32 (expires 2024-07-16).
	KFTI	KS	Wichita – STA for parameters at variance (expires 2024-08-26).
	WCSZ	SC	Sans Souci – STA for U1 5000/375 (expires 2024-04-10).
1080	WKJK	KY	Louisville – STA for parameters at variance (expires 2024-06-28).
	WWNL	PA	Pittsburgh – STA for D1 12500 (ch 6250) (expires 2024-04-12).
1090	KAAY	AR	Little Rock – STA for U1 50000/12500 (expires 2024-08-04).
	KMXA	CO	Aurora – Application for STA for U4 50000/125, day pattern 24 hours, filed 2023-12-18 .
	KBOZ	MT	Bozeman – STA for U1 1250/1250 (expires 2024-07-02).
1100	KFAX	CA	San Francisco – STA for U1 12500/12500, tower at 37-39-01/122-09-05 (expires 2024-06-21).
	WJZA	GA	Hapeville – Application for STA for D1 1000 from WWWE-1310 tower at 33-46-22.4, 84-16-54.7 filed 2024-03-15 .
1110	WOMN	LA	Franklinton – STA for D1 170, 224' LW at 30-44-13/90-12-07 (expires 2024-08-24).
	WTJZ	VA	Norfolk – STA for D1 100, 15.2m LW at 36-49-15/76-26-35 (expires 2024-07-22).
1120	WKAJ	NY	Saint Johnsville – STA for U1 1000/30 (expired 2024-03-18; application for extension filed 2024-03-18).
1130	KSDO	CA	San Diego – STA for U1 2500/2500, drop wire at KLSD-1360 tower at 32-43-51/117-04-59 (expires 2024-07-02).
1140	KZMQ	WY	Greybull – STA for D1 1000 (expires 2024-04-09).
1150	WGGH	IL	Marion – STA for U1 40/40, whip at 37-43-51.2, 88-55-39.7 (expires 2024-04-01).
	KSEN	MT	Shelby – STA for U4 10000/560, day pattern 24 hours (expires 2024-05-01).
	WCUE	OH	Cuyahoga Falls – STA for U4 1800/338 (expires 2024-03-27).
	KAGO	OR	Klamath Falls – STA for U1 5000/250 (expires 2024-08-21).
1170	KBOB	IA	Davenport – STA for U3 1000/1000, night pattern 24h (expires 2024-07-09).
	WFPB	MA	Orleans – STA for D1 25, whip at 41-44-51/69-58-30 (expires 2024-07-24).
1180	WHAM	NY	Rochester – STA for U1 10000/10000, awaiting transmitter parts (expires 2024-07-22).
	WFYL	PA	King of Prussia – STA for D1 300, whip 40-09-27/75-24-13 (expires 2024-07-10).
	KGOL	TX	Humble – STA for D1 10, 241' vertical at 29-44-33/95-22-37 (expires 2024-04-12).

1190	KVCU	CO	Boulder – STA for U1 1000/110 (expires 2024-03-27; application to extend filed 2024-03-11).
	WPSP	FL	Royal Palm Beach – STA for U4 2200/410, Cuba QRM (expires 2024-05-05).
1200	WSML	NC	Graham – Application for STA for D1 10000 filed 2023-12-12 .
	WGDL	PR	Lares – STA for U1 1000/1000 as in longstanding CP application (expires 2024-06-20).
1210	KHAT	WY	Laramie – STA for D1 10000 (expires 2024-04-29).
1220	WATX	CT	Hamden – STA for U1 250/76, 57.9m LW at 41-22-40/72-57-05 (expires 2024-04-23).
1230	WSOK	GA	Savannah – STA for U1 110/110, 212' LW at 32-04-13.8, 84-04-41.4 (expires 2024-06-11).
	WJBC	IL	Bloomington – STA for U1 600/600 (expires 2024-09-16).
	KOBB	MT	Bozeman – STA for U1 47/47, 200' LW 45-39-26/110-48-22 (expires 2024-07-02).
	WLNR	NC	Kinston – STA for reduced power, unspecified (expires 2024-07-25).
1240	WZQK	MS	Flowood – STA for U1 250/250, 20' coil atop remaining 40' of tower (expires 2024-09-03).
	WHVN	NC	Charlotte – STA for U1 600/600, unipole at 35-15-50/80-46-13 (expires 2024-05-13).
	KOKL	OK	Okmulgee – STA for U1 about 250/250 (expires 2024-08-26).
	WNVL	TN	Nashville – STA for U1 40/40 (or U1 600/600 if new transmitter installed) at 45.7m vertical LW on tower at 36-14-06/86-45-19 (expires 2024-08-22).
	WSKI	VT	Montpelier – STA for U1 500/500 (expires 2024-05-27).
	WALO	PR	Humacao – STA for U1 1000/5000, Dom. Rep. QRM (expires 2024-08-19).
1250	WYTH	GA	Madison – STA for U1 500/79, LW at 33-32-51/83-28-38 (expires 2024-09-10).
	WGL	IN	Fort Wayne – STA for U1 580/250 from WIOE-1450 tower at 41-04-14/85-07-10 (expires 2024-04-12).
	KKDZ	WA	Seattle – STA for U1 5000/1250 from CP site at 47-17-59/122-11-44 (expires 2024-05-07).
	WJIT	PR	Sabana – STA for U1 100/100, whip at 18-28-51/66-23-59 (expires 2024-09-18).
1260	WNDE	IN	Indianapolis – STA for U1 5000/1250 (expires 2024-05-01).
	KLYC	OR	McMinnville – STA for U1 1000/212.5, problems with night pattern (expires 2024-08-28).
	KPOW	WY	Powell – STA for U1 4000/250 (expires 2024-07-18).
1270	WHLD	NY	Niagara Falls – STA for U3 1000/1000, night pattern 24 hours (expires 2024-09-10).
	WCGC	NC	Belmont – STA for parameters at variance (expired 2024-03-16; applied for extension 2024-03-15).
	KAJO	OR	Grants Pass – STA for U1 48/48 pending transmitter replacement (expires 2024-09-10).
1280	WMXB	AL	Tuscaloosa – STA for D1 100, whip at 33-11-28.3, 87-31-40.5 (expires 2024-08-20).
	KXEG	AZ	Phoenix – STA for U1 50/49, LW at 33-29-37/112-08-17 (expires 2024-08-14).
	WIPC	FL	Lake Wales – STA for U1 200/150, whip at 27-53-42/81-34-58 (expires 2024-05-15).
1290	WWTX	DE	Wilmington – STA for U1 1100/25, WILM-1450 tower at 39-43-46/75-33-07 (expires 2024-09-02).
	WVOW	WV	Logan – STA for U1 5000/250 (expires 2024-03-27; applies to extend 2024-03-25).
1300	WKQK	FL	Cocoa Beach – STA for U1 500/250, 30.5m LW at 28-18-43/80-42-21 (expires 2024-05-08).
	KBRL	NE	McCook – STA for U1 1250/34 (expires 2024-06-04).
	KHTW	TX	Lumberton – STA for U1 500/65 (expires 2024-06-03).
	KKOL	WA	Seattle – STA for U4 35000/3200 as in CP (expires 2024-04-26).
1310	KKZI	CA	Barstow – STA for U1 1000/80 as in CP (expires 2024-04-25).
	WAUC	FL	Wauchula – STA for U1 1250/125 (expires 2024-07-08).
	WOBM	NJ	Asbury Park – STA for U1 625/250 (expires 2024-09-17).
	WXMC	NJ	Parsippany-Troy Hills – STA for U1 250/22 (expires 2024-07-10).
1320	KWQQ	CA	Hemet – STA for U1 50/50, whip at 33-44-44.5, 116-59-58.5 (expires 2024-04-30).
	WDIZ	FL	Venice – STA for U4 5000/250, day pattern 24 hours (expires 2024-04-02).
	WCVG	KY	Covington – STA for D1 50, 186' LW at 39-02-40/84-30-25 (expires 2024-04-01).
	WBTL	VA	Richmond – STA for U1 350/8 from CP site (WHAN-1430 tower) (expires 2024-09-07).
	KXRO	WA	Aberdeen – STA for U1 5000/250 (expired 2024-03-18; application for renewal filed 2024-03-07).

1330	WHGM	MD	Havre de Grace – STA for D1 10, whip at 39-33-02.4, 76-05-29.3 (expires 2024-07-29).
	WNIX	MS	Greenville – STA for U1 1000/55, tower at 33-24-36/91-10-03 (expires 2024-08-19).
	WINT	OH	Willoughby – STA for U1 125/11 (expires 2024-07-15).
	WYRD	SC	Greenville – STA for operation without antenna monitor (expires 2024-07-08).
	WBTM	VA	Danville – STA for U1 5000/250 (expires 2024-09-17).
	WENA	PR	Yauco – STA for U1 500/350, 185' LW at 18-01-17/66-51-54 (expires 2024-07-01).
1340	KPGE	AZ	Page – STA for U1 100/100, whip at 36-55-0.2, 111.27-25.2 (expires 2024-05-06).
	WMBN	MI	Petoskey – STA for U1 1000/1000, dipole at 45-19-17/84-52-33 (expires 2024-04-15).
	WMID	NJ	Atlantic City – STA for U1 890/890, WWAC-1020 tower at 39-13-45/74-40-54 (expires 2024-05-14).
	KJMU	OK	Sand Springs – STA for minor parameters at variance (expires 2024-07-25).
	KBNW	OR	Bend – STA for U1 1000/500, 100' LW at 44-03-32/121-17-57 (expires 2024-05-15).
	KSGT	WY	Jackson – STA for U1 500/500, 100' LW at 43-27-43/110-45-10 (expires 2024-06-11).
1350	KPWK	CA	San Bernardino – STA for U1 1250/150 (expires 2024-04-10).
	WOAM	IL	Peoria – STA for U4 500/500 (expires 2024-04-30).
1360	WMOB	AL	Mobile – STA for U1 250/50, 172' LW at 30-41-16/87-47-54 (expired 2024-03-17; application for extension filed 2024-03-13).
	KWDJ	CA	Ridgecrest – STA for U1 250/31 (expires 2024-06-12).
	WIBK	IL	Watseka – STA for day parameters at variance (expires 2024-09-02).
	WCHL	NC	Chapel Hill – STA for U1 5000/250 (expires 2024-05-25).
	KUIK	OR	Hillsboro – STA for U1 10/10, whip at 45-30-00/122-56-30 (expires 2024-04-30).
	WGBN	PA	McKeesport – STA for U1 1000/250 (expires 2024-04-22).
	KWWJ	TX	Baytown – STA for parameters at variance (expired 2024-03-20; application for extension filed 2024-03-15).
	KMNY	TX	Hurst – STA for parameters at variance (expires 2024-04-10).
1370	KWRM	CA	Corona – STA for U1 10/10, whip at 33-49-01/117-30-29 (expired 2024-02-14).
	KZSF	CA	San Jose – STA for U1 1250/1250 (expires 2024-07-08).
	WCOA	FL	Pensacola – STA for U3 4400/4400, night pattern 24 hours (expires 2024-09-16).
	WDEA	ME	Ellsworth – STA for U3 5000/5000, night pattern 24 hours (expires 2024-04-12).
	WXXI	NY	Rochester – STA for U1 5000/1250 (expires 2024-08-12).
	WLLN	NC	Lillington – STA for U4 50/49 (expires 2024-07-25).
1380	KZTS	AR	North Little Rock – STA for U3 1000/1000, night pattern 24 hours (expires 2024-05-05).
	WWRF	FL	Lake Worth – STA for U1 90/90, 3-wire folded unipole at 26-47-59.7, 80-04-31.7 (expires 2024-06-28).
	WELE	FL	Ormond Beach – STA for U4 5000/1000 (expires 2024-03-27; application to extend filed 2024-03-19).
	WPYR	LA	Baton Rouge – STA for U4 1300/62 (expires 2024-07-28).
	WLRM	TN	Millington – STA for U1 1000/9 (expires 2024-04-03).
1390	KLTX	CA	Long Beach – STA for U1 1250/1000 or 1250/1150 (expires 2024-05-19).
	WPLM	MA	Plymouth – STA for U4 2500/5000, night pattern 24 hours (expires 2024-04-10).
	KBBO	WA	Yakima – STA for U4 200/390, night pattern 24 hours (expires 2024-08-15).
1400	WIRA	FL	Fort Pierce – STA for U1 245/245, financial problems (expires 2024-07-01).
	KSPT	ID	Sandpoint – STA for U1 200/200, whip at 48-16-12/116-33-35 (expired 2024-01-17; application to extend filed 2024-03-13).
	WBAT	IN	Marion – STA for U1 500/500, 140' wire at 40-33-40/85-41-30 (expires 2024-04-10).
	WKPT	TN	Kingsport – STA for U1 250/250, whip at 36-35-35.8, 82-31-26.7 (expires 2024-06-10).
	KUNO	TX	Corpus Christi – STA for U1 780/780, transmitter repairs (expires 2024-08-19).
	KITZ	WA	Silverdale – STA for U1 10/10, whip at 47-39-05/122-41-51 (expires 2024-04-29).
	WRDB	WI	Reedsburg – STA for U1 75/75, 173' LW at 43-32-30/90-02-05 while CP for new antenna is being built (expires 2024-09-05).
1410	KMYC	CA	Marysville – STA for U1 1000/250 (expires 2024-06-11).
	KCAL	CA	Redlands – STA for U4 1800/4000, licensed night pattern/site 24 hours (expires 2024-08-12).
	WDOV	DE	Dover – STA for U1 1250/1250 or parameters at variance (expires 2024-08-06).

	WZBR	MA	Dedham – Application for STA for U1 10/10, tower at 42-14-04.5, 71-08-11.2 filed 2024-03-11 .
	WELM	NY	Elmira – STA for U1 5000/250 (expires 2024-07-23).
	WSCW	WV	South Charleston – STA for D1 200, slant wire at 38-22-36/81-42-09 (expires 2024-09-17).
1420	WLIS	CT	Old Saybrook – STA for U1 5000/125 (expires 2024-07-08).
	WOC	IA	Davenport – STA for parameters at variance (expires 2024-07-01).
	WASR	NH	Wolfeboro – STA for U1 1000/137 (expired 2024-02-18).
	WRSA	VT	Saint Albans – STA for U1 107/107 (expires 2024-04-24).
	KRIZ	WA	Renton – STA for U1 250/125, KYIZ-1620 tower at 47-26-28/122-12-10 (expires 2024-06-21).
	KUJ	WA	Walla Walla – STA for U1 1000/900 (expires 2024-05-05).
	WZWB	WV	Kenova – STA for U1 5000/125 (expires 2024-04-03).
1430	KVHZ	AK	Wasilla – STA for U1 400/400 (expires 2024-05-06).
	KVVN	CA	Santa Clara – STA for U1 250/625 (expired 2024-03-19; applied for extension 2024-03-07).
	KAMP	CO	Aurora – STA for U2 6500/5000, transmitter problems (expires 2024-09-18).
	KRGI	NE	Grand Island – STA for U1 5000/250 or U1 5000/21 as in CP (expires 2024-08-25).
	WENE	NY	Endicott – STA for U4 650/5000, night pattern 24 hours (expires 2024-04-11).
	WNEL	PR	Caguas – STA for U1 230/2300, 80' portion of licensed tower at 18-14-53/66-01-25 (expires 2024-05-07).
1440	WPRD	FL	Winter Park – Application for STA for U1 5000/250 filed 2024-03-21 .
	KMAJ	KS	Topeka – STA for U4 1000/1000 or parameters at variance (expires 2024-07-15).
	WGVL	SC	Greenville – STA for U1 5000/1250 (expires 2024-05-14).
1450	WTKI	AL	Huntsville – STA for U1 250/250, whip at 34-43-38/86-35-58 (expires 2024-06-06).
	WTAL	FL	Tallahassee – STA for U1 250/250, 29m LW 30-26-53/84-15-37 (expires 2024-07-10).
	KHIT	NV	Reno – STA for reduced power (unspecified) (expires 2024-06-05).
	WKIP	NY	Poughkeepsie – STA for U1 250/920 (expires 2024-07-24).
	WFRA	PA	Franklin – STA for U1 200/200 (expires 2024-06-06).
	WVAX	VA	Charlottesville – STA for U1 400/400 (expires 2024-08-11).
1460	KION	CA	Salinas – STA for U1 2500/2500 (expires 2024-04-10).
	WKHZ	MD	Easton – STA for parameters at variance (expires 2024-04-24).
	WABQ	OH	Painesville – STA for U4 500/500 (expires 2024-03-27).
	WXRQ	TN	Mount Pleasant – STA for U1 500/120, 48.8m LW at 35-34-20/87-11-20 (expires 2024-07-01).
	KCWM	TX	Hondo – STA for U1 200/90, 150' LW at 29-20-14/99-14-02 (expires 2024-03-19).
	WKDV	VA	Manassas – STA for U1 144/144, tower at 38-51-18/77-22-28 (expired 2024-03-20; applies to extend 2024-03-20).
1470	KNXN	AZ	Sierra Vista – STA for U1 100/40 (expires 2024-05-27).
	KUTY	CA	Palmdale – STA for U1 1250/1250 (expires 2024-07-07).
	WJDY	MD	Salisbury – STA for U1 1250/11 (expired 2024-03-09).
1480	WYZE	GA	Atlanta – STA for U1 10/10, whip at 33-42-16/84-22-40 (expires 2024-07-30); application for STA with U1 10/10, whip at 33-41-48.8, 84-28-25.0 filed 2024-03-25 .
	WSLI	MI	Kentwood – STA for U1 100/100, 166' slant wire antenna at 42-58-58/85-39-55 (expires 2024-07-30).
	WPWC	VA	Dumfries-Triangle – STA for U1 1250/125 (expires 2024-05-07).
	WTOX	VA	Glen Allen – STA for U1 1570/375 (expires 2024-04-22).
	KNTB	WA	Lakewood – STA for U1 250/65, 6m LW at 47-09-52/122-30-19 (expires 2024-07-18).
1490	WGCH	CT	Greenwich – STA for U1 300/300, whip at 41-01-27/73-37-53 (expires 2024-08-07).
	WBEX	OH	Chillicothe – STA for parameters at variance (expires 2024-05-02).
1500	KSJX	CA	San Jose – STA for U1 2500/1500 (expires 2024-05-20).
	WAKE	IN	Valparaiso – STA for U1 62.5/11, CP tower at 41-32-21/87-17-59 (expires 2024-09-02).
	WQMS	MS	Quitman – STA for D1 450, 246' LW 32-02-18/88-39-21 (expires 2024-07-08).
	KBRN	TX	Boerne – STA for D1 225, 150' LW at 29-50-26/98-49-32 (expires 2024-04-29).
1510	KSPA	CA	Ontario – STA for U1 10/10, whip at 34-04-00/117-40-10 (expires 2024-04-10).
	KPLS	CO	Littleton – STA for U4 7000/7000 (expired 2024-03-18).
	WRNJ	NJ	Hackettstown – STA for U1 1000/23 (expires 2024-07-08).

	WBSG	PR	Lajas – STA for parameters at variance (expires 2024-06-28).
1520	KMPG	CA	Hollister – STA for D1 3400 (expires 2024-09-24).
	WNDO	FL	Apopka – STA for U1 1000/10, WRSO-810 tower 28-34-11/81-26-01 (expires 2024-07-08).
	WINW	OH	Canton – STA for D1 400, whip at 40-43-18/81-26-27 (expires 2024-05-02).
	KYND	TX	Cypress – STA for minor parameters at variance (expires 2024-06-19).
	WRSJ	PR	San Juan – STA for U1 1000/1000 (expires 2024-09-14).
1530	WCKG	IL	Elmhurst – STA for D1 190, tower at 41-51-46/87-55-26 (expires 2024-08-21).
	WLLQ	NC	Chapel Hill – STA for D3 300 (expires 2024-04-23).
	WCKY	OH	Cincinnati – STA for U1 50000/12500 (expires 2024-09-24).
1540	KASA	AZ	Phoenix – Application for STA for low power, 100' LW at 33-22-33.1, 112-05-17.3 filed 2024-03-14 .
	WNWR	PA	Philadelphia – STA for U1 10000/7 (ch 1200), CP site (expires 2024-05-05).
	KAMM	TX	University Park – STA for U1 100/100, whip at 32-50-51/96-48-40 (expires 2024-05-05).
	KXPA	WA	Bellevue – STA for U1 5000/1250 (expires 2024-07-02).
1550	KKCL	CO	Golden – STA for U1 200/87.5, 36.6m LW at 39-45-59/105-14-12 (expires 2024-08-27).
	WRHC	FL	Coral Gables – STA for U1 1800/125 from WWFE-670 tower (expires 2024-07-25).
	WLTI	IN	New Castle – STA for U4 250/62, day pattern 24 hours (expires 2024-04-11).
	WSRY	MD	Elkton – STA for parameters at variance (expires 2024-08-31).
	KYAL	OK	Sapulpa – STA for U1 625/22 (expires 2024-05-14).
	KMRI	UT	West Valley City – STA for D1 1000, 24' vertical at 40-43-15.8, 112-02-31.8 (expires 2024-08-27).
	WKBA	VA	Vinton – STA for D1 1000 (expires 2024-04-02).
	KPRI	WA	Ferndale – STA for U4 50000/900, day pattern 24 hours (expires 2024-04-11).
1560	WLZR	FL	Melbourne – STA for D1 1000, ½-wave dipole at 28-07-41.1, 80-42-28.2 (expires 2024-07-22).
	WFME	NY	New York – STA for U1 500/500, slant wire on tower at 40-47-18/74-15-19 (expires 2024-07-29).
	KZIZ	WA	Pacific – STA for U1 2000/225, tower at 47-18-02/122-11-22 (expires 2024-05-14).
1570	KUAU	HI	Haiku – STA for parameters at variance (expired 2024-02-26).
	KZWC	IA	Webster City – STA for U1 137/137 (expires 2024-04-24).
1580	WWTF	KY	Georgetown – STA for U1 2500/11 (expired 2024-03-16 ; application for extension filed 2024-03-13).
	WORV	MS	Hattiesburg – STA for U1 450/88 (expires 2024-05-07).
	WNYG	NY	Patchogue – STA for U1 10000/125 (expires 2024-06-17).
	WWDN	VA	Danville – STA for minor parameters at variance (expires 2024-09-24).
1590	KLIV	CA	San Jose – STA for U1 1250/1250, KVVN-1430 tower at 37-19-48/121-52-01 (expires 2024-03-25; applies for extension 2024-03-07).
	KVTA	CA	Ventura – STA for U1 1000/1000 (expired 2024-03-19 ; applies for extension 2024-03-19).
	WFBR	MD	Glen Burnie – STA for parameters at variance (expires 2024-08-31).
	WSMN	NH	Nashua – STA for U1 250/58, whip at 42-45-36/71-27-54 (expires 2024-07-08).
1600	KAHZ	CA	Pomona -STA for U1 5000/1250 during construction (expires 2024-08-05).
	WLAA	FL	Winter Garden – STA for D1 1000, tower at 28-34-08/81-31-09 (expires 2024-06-11).
	KIVA	NM	Albuquerque – STA for U1 1000/175 (expires 2024-07-08).
	WLKY	NY	Elmira Heights-Horseheads – STA for U1 250/4 (expires 2024-07-23).
	KTUB	UT	Centerville – STA for U1 10/10, whip at 40-35-12.5, 111-56-46.9 (expires 2024-04-09).
1630	KKGM	TX	Fort Worth – STA for U1 2550/1000 (expires 2024-08-19).
1660	WGIT	PR	Canovanas – STA for U1 300/300 (expires 2024-06-17).

That's all for this issue of *DXtra News*
See you next time!