



The Microphone Lake Whitney Amateur Radio Society



(A monthly publication for members and friends of LWARS)

www.lwars.com www.facebook.com/LakeWhitneyAmateurRadioSociety www.qrz.com/lookup/nz5t

LWARS Board: Pres. Roy McCleary (N5ZKW) VP. Martin Coons (N5FAC) Treas. Robert Tear (N9KGL) Sec. Kenneth Ezzell (KE5EZZ) Dir. Matthew Sullivan (KG5ZPV) Dir. Mike Drew (KG5FZC) Dir. Tim Hutchings (N5TCH)	LWARS Training Net: Each Thursday at 7 PM. Repeater 146.620 Tone 123 Simplex 146.580 (Simplex Net - First Thursday Evening of the Month) Back Up Repeater 146.780 Tone 123 Email lwars.nz5t@gmail.com	Next Meeting: Saturday, Mar16, 2024, at 10 AM Lake Whitney Public Library, 602 E. Jefferson Ave, Whitney, TX. Check the club's Facebook page or check into the Thursday evening LWARS Training Net for any updates. LWARS meets on the third Saturday of each month at 10 AM.
Members:31 Tech:12 Gen:8 Extra:10 Advance:1		

From The Secretary's Desk....

The First Amateur Radio Station on the Moon, JS1YMG, is Now Transmitting

ARRL.com 02/02/2024

The Japan Aerospace Exploration Agency (JAXA) successfully landed their Smart Lander for Investigating Moon (SLIM) on January 19, 2024. Just before touchdown, SLIM released two small lunar surface probes, LEV-1 and LEV-2.

LEV-2 collects data while moving on the lunar surface, and LEV-1 receives the data. The JAXA Ham Radio Club (JHRC), JQ1ZVI, secured amateur radio license JS1YMG for LEV-1, which has been transmitting Morse code on 437.41 MHz since January 19. The probe uses a 1 W UHF antenna with circular polarization and is transmitting "matters related to amateur business."

Radio amateurs have been busy analyzing JS1YMG's signal, with Daniel Estévez's, EA4GPZ, blog introducing the method and extraction results for demodulating Morse code from the signal, as well as extracting the code string.

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Upcoming Dates of Note:

Feb 16 - 24

Sergeant Auction, Early Radios & Related

https://www.icollector.com/Sargent-Auction-Service_ae1155

Feb 29 6-8p

SkyWarn Basic Class

Coleman Junior High Fine Arts Center

1000 N Hwy 77 Waxahachie, TX

March 02, 8 am - 2 pm

Irving Amateur Radio Club HAMFEST

<https://irvingarc.org/hamfest/>

April 13. 7 AM – 1 PM

Temple Amateur Radio Club HamExpo

<https://tarc.org/hamexpo/>

2024 ARRL Field Day is June 22-23

It's unclear how long signals will be heard. JAXA has said that SLIM was not designed to survive a lunar night, which lasts about 14 days, and is due to return in a few days.

SLIM was launched on September 6, 2023, and landed on January 19, 2024, with the mission of analyzing the composition of rocks to aid research about the origin of the moon. SLIM's landing made Japan the fifth country to achieve a soft touchdown on the moon. The landing was achieved with exceptional precision -- within 180 feet of its targeted touchdown location.

Winter Field Day Recap.

At our last club meeting, Ron AA5HK , gave us a report on the totals and goals LWARS were able to achieve with the hard work and dedication of its members.

Our claimed log includes:

100% WFDA objectives;

*16 CW contacts on 9 bands;
148 Phone contacts on 10 bands;
6 Digital contacts on 5 bands*

170 total contacts plus Satellite

24 total band / mode multipliers

QRP power (although the submittal makes you choose 5W or less 50W or less or 100W or less - I chose 50 or less)

9,216 total points + 100% Objectives (basically double our 2023 effort).

We worked 55 ARRL sections, including 39 states & 7 DX countries.

It will be very interesting to see how we stacked up among others in our category filling. Looking at 2023 rankings, we would have placed in the top 5 in the 1 radio/mobile category!

It also should be noted that if our total stands up, we doubled our 2023 points of 4509 which was 1 radio/ indoor.

Are we exciting about Summer Field Day? I know I am!

SENATORS WICKER, BLUMENTHAL INTRODUCE THE AMATEUR RADIO EMERGENCY PREPAREDNESS ACT

<https://www.wicker.senate.gov/2024/2/senators-wicker-blumenthal-introduce-the-amateur-radio-emergency-preparedness-act>

Legislation Helps Increase Communication Options During Natural Disasters

FEBRUARY 14, 2024

WASHINGTON – U.S. Senators Roger Wicker, R-Miss., and Richard Blumenthal, D-Conn., introduced legislation to give amateur radio operators the right to install their antennas and serve their community. Homeowner association rules prevent amateur radio operators from installing outdoor antennas on residential properties even though this communication method has proven to be essential in emergencies and natural disasters, such as hurricanes in states like Mississippi and Connecticut.

“Because communication during natural disasters is often hindered, we should be making every attempt to give folks more options. Reliable access can make the difference between life and death in an emergency. Our legislation removes roadblocks for amateur radio operators looking to help their friends, families, and neighbors,” **Senator Wicker said.**

“Our measure will help clarify the rules so ham radio enthusiasts can successfully continue their communications. In the face of emergency or crisis, they help provide vital, life-saving information that allow listeners to properly and safely respond, but prohibitive home association rules and confusing approval processes for installing antennas have been an unnecessary impediment,” **Senator Blumenthal said.** “The Amateur Radio Emergency Preparedness Act resolves these bottlenecks and ensures that radio operators can function successfully.”

Background:

The Amateur Radio Emergency Preparedness Act of 2024 would require homeowner associations to accommodate the needs of amateur radio operators by limiting the scenarios in which they can ban, prevent, or require the approval of the installation or use of amateur radio antennas. Homeowner associations have often prevented installation and use through private lands restrictions, potentially hindering access to emergency communications.

Among other provisions, this legislation would:

- Prohibit homeowner association rules that would prevent or ban amateur radio antennas;
- Clarify the approval process for installing amateur radio antennas;
- Give amateur radio operators a private right of action.

The Amateur Radio Emergency Preparedness Act of 2024 has been endorsed by the Amateur Radio Relay League.

How does a CW guy send a break-up message?

Remorse Code