

W5AC Special Topic Meeting

October 30th, 2025



Welcome!

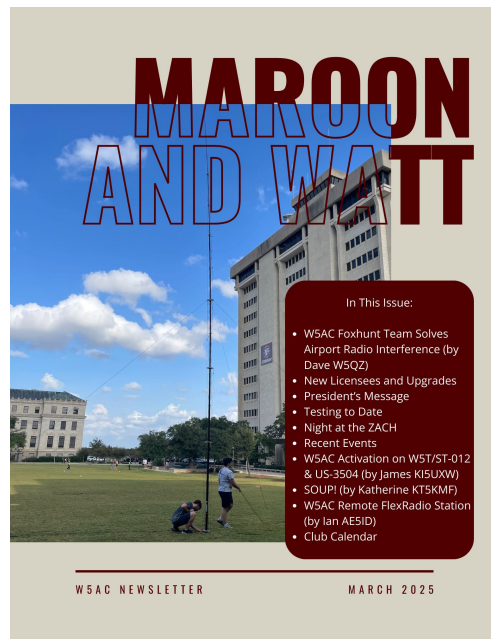
Meeting Agenda

- **Leadership Updates**
- **General Information**
 - Upcoming Events
 - Where to find us
- **Foxhunting 101**
- **Closing**
 - Q&A
 - Group Foxhunt
 - Group Dinner

Officer and Director Updates

President / Newsletter Editor: Katherine Forson (KT5KMF)

- If you've done anything cool with ham radio lately, and would like to share it with the club, let me know!
 - I can help with article writing
- Discord permissions were updated last week



Secretary / Equipment Manager: Matthew Cadman (KJ5IIF)

- Weekly net still ongoing - Mondays at 9:00 PM
- Fox updates
 - Space and adventure cores getting new batteries
 - Batteries arrived, just need to be assembled
- Flex VM
 - This is available to dues paying members.
 - It allows you to operate the flex without installing smartSDR or digital mode software on your computer

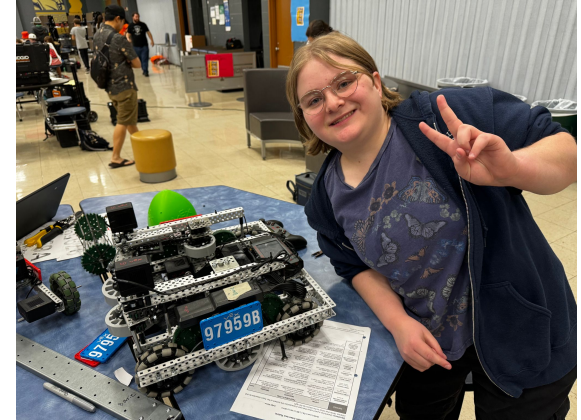
Repeater Administrator/Digital Infrastructure Director: Ian Duncan (AE5ID)

- 1.25m repeater is on and now ID-ing every minute
- 70cm tone still doesn't work
- Meshcore vs Meshtastic
- Fox map now on website



New Public Relations Director: Sofia Diorio

- Major: Multidisciplinary Engineering (MXET), Class of 2028
- Interests
 - Robotics
 - Drawing
 - Writing
- Qualifications
 - Former social media manager for the Austin Black Business Journal
 - Chronically online



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General Information

Upcoming Events

- On-Campus Operation - Friday, November 7th
 - 3-5pm in E-Quad
- Foxhunting Antenna Build - Saturday, November 15th
 - Time and location TBD - watch for announcements
- Bonfire Remembrance Operation - Tuesday, November 18th
 - 9am-12pm in E-Quad
- Game Night Social/Intro to Nets - Monday, November 24th
 - 7-10pm, location TBD
 - Learn more about our weekly net and how to check in!

Upcoming Events

- **Next Meeting - Wednesday, November 12th**
 - Meeting start at 7pm
 - License testing before at 6pm
 - **Location TBD - watch for announcements**
- **Weekly net - Every Monday at 9:00 PM**
 - W5AC 2m / 70cm analog repeaters
 - Great chance to get on the air and get updates about W5AC

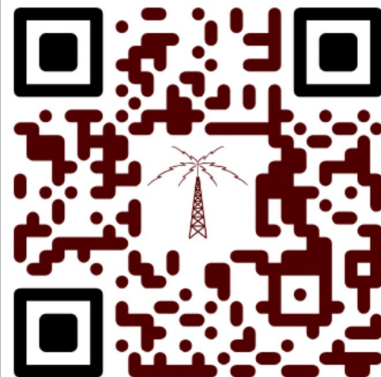
Join our calendars!

- Events - **w5ac.tamu.edu/w5acevents**
- Repeater/Nets - **w5ac.tamu.edu/w5acrepeater**

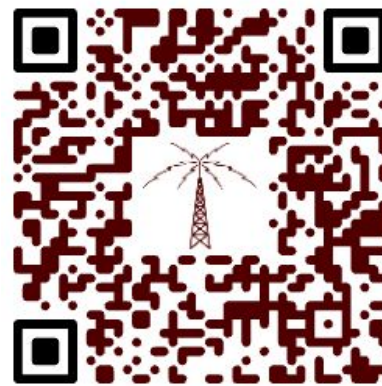


Where to Find Us

- Linktree
 - Website
 - Social Media
 - Discord (we post all of our announcements here!)
- Flywire Store
 - Membership Dues
 - In person - talk to Josh
 - Merch coming soon... stay tuned!



<https://linktr.ee/w5ac>



tx.ag/duesw5ac

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Foxhunting 101

What our foxes look like



What to listen for?

Wheatley plays quotes from Wheatley in the game Portal.

The radiosonde foxes play tones or CW signals.

The idea is to listen for changes in signal quality or, if you have a signal meter, measure signal strength.

Things to look out for

Reflections - These can be eliminated by going up to the boundary you think is reflecting the signal, or by going around it.

Antennas with two max or min gain angles, ie: dipoles. - You will need to use techniques like body shading in this case.

Polarization - The fox antenna may be horizontal or vertically polarized. Check both!

Cars, bikes, scooters, etc - Keep your eyes up, especially at night!

Bushes - Typically we like to hide the foxes places where they aren't immediately visible.



Demonstration of techniques

Body shading

Antenna null

Antenna peak gain

Frequency offset

Harmonics

Attenuators (if available)

Flex VM Demo

Demonstrate Using/Accessing the Flex VM

- There are rules for using this!
- If you break the rules you can get in really serious trouble!
- I will be publishing instructions by the end of the week

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Questions?

Gig 'em and 73s!

(Best Wishes)



Get To Hunting!