

Rolla Regional Amateur Radio Society

General Meeting - May 7, 2018



Welcome
Visitors & New Members

Agenda

Welcome

New/Old Business

Tech Discussion

Upcoming Events



Old Business

Elections - No nominations for president yet...

D-Star Repeater - Changing location and trustee

Field Day - Looking for Field Day coordinator, to select a location for FD2018

Fox Hunt - Results

ARRL FIELD DAY 2018

Grid Chase!



www.arrl.org #ARRLFD #IGC

Location?

June 23-24

Saturday

- 10 AM Station set-up
- 2:30 PM **Test Session?**
- 5 PM BBQ
 - Bring sides
- 11 PM Gate Closes?

Sunday

- 1 PM Station take-down

Stations?

- SSB
- Digi
- CW



The fox was found by Alex KG5YOL and Thomas KXØSTL at 1 hour 28 minutes.



Fox Hunt

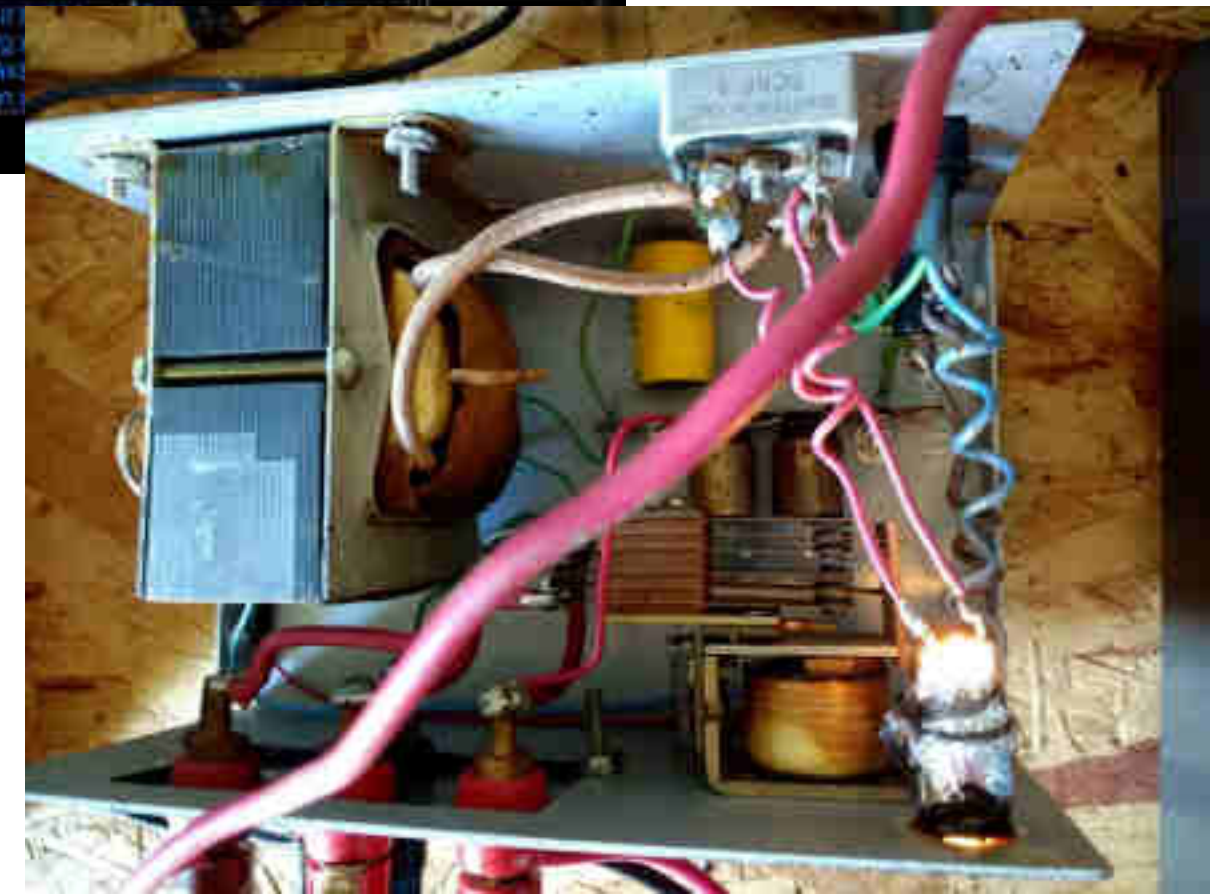
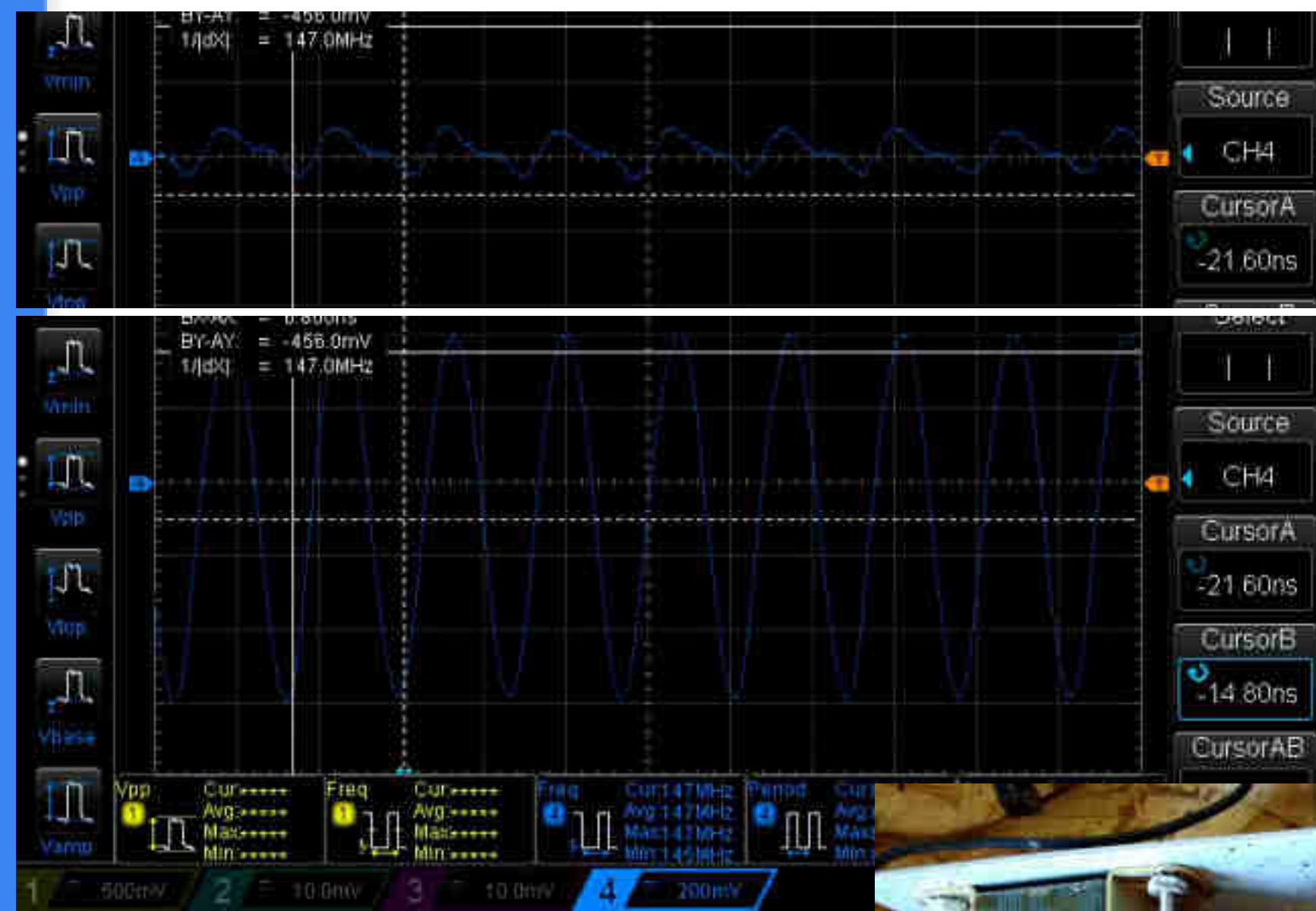
- April 28th, 2018
- 2 - 4 PM
- 146.000 Mhz
- Stepped Power
 - 5W - 0 to 60 minutes
 - 2.5W - 61 to 90 min
 - 1W - 91 to 110 min
 - 0.5W - 111 to 120 min
- Transmit for 1 minute every 15 minutes
- Within 1 mile of Rolla city limits

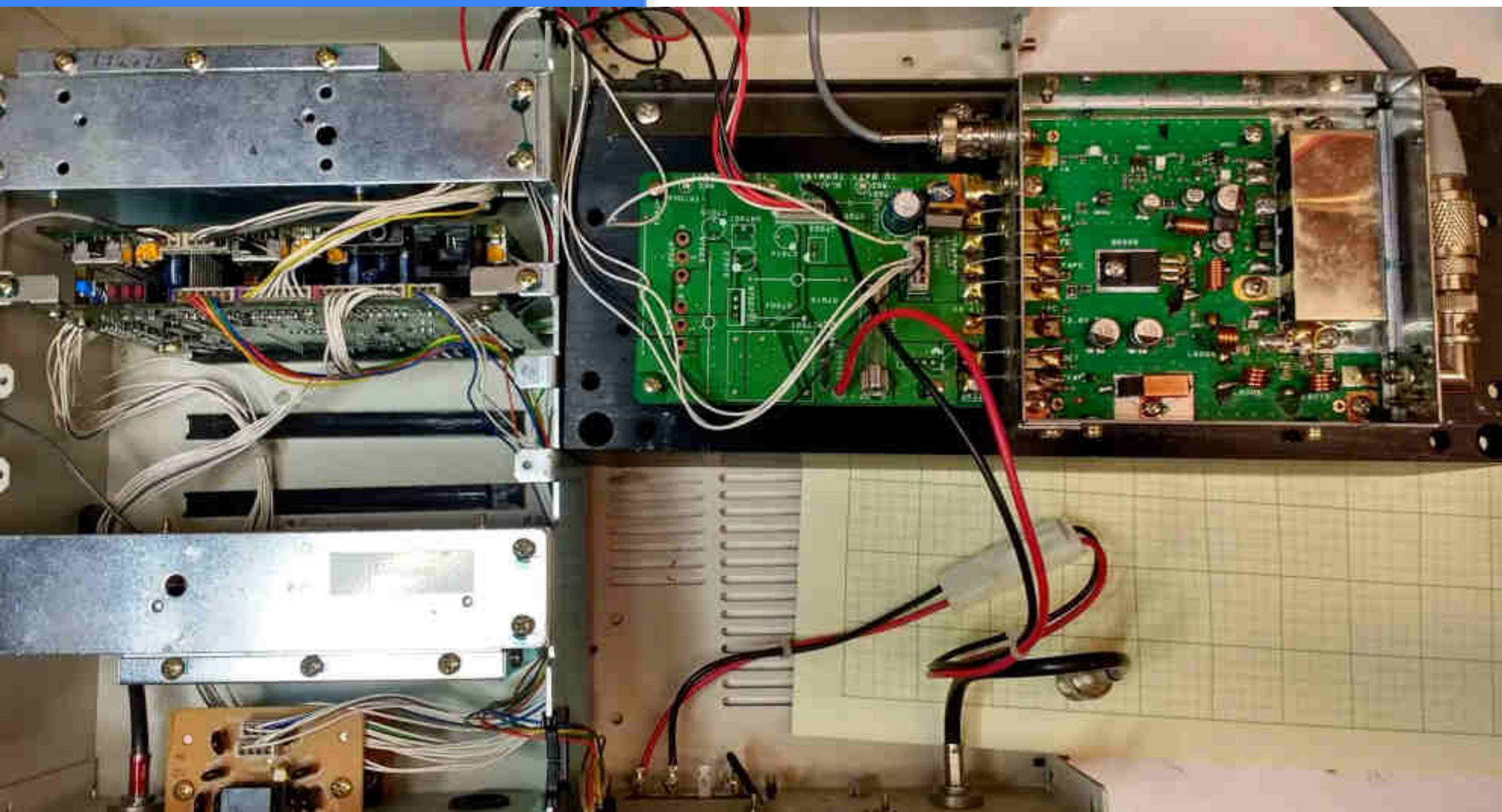
New Business

146.790 Repeater: Troubleshooting problems

146.79 Repeater

- Receiver issues
- Transmitter PA failure
- Possible coax issues
- Battery charger overvoltage
- Settling/Rotting
- Repeater killer sensitivity





5.8 GHz Video (FPV)

Legal?

Specifications

- NTSC/PAL, 1.0V pk-pk, 75 Ohm, 18 MHz bandwidth
- Audio, 1.0V pk-pk, 10K Impedance, 6.5 MHz carrier freq
- 25 mW, 200 mW, 600 mW
- 5645 to 5945 GHz



Demo

References & Links

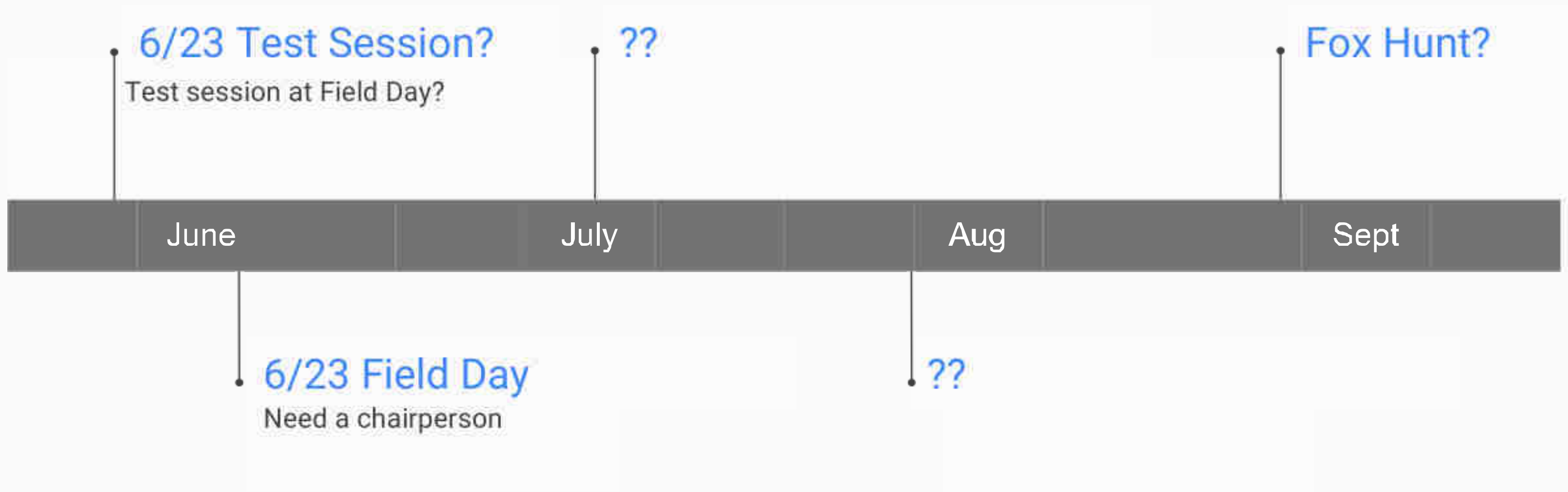
Antennas - [Anbee FPV RP-SMA \(pair\)](#)

Transmitter - [Eachine TX526](#)

Receiver - [Eachine ROTG01 UVC OTG](#)

Camera - [RunCam Eagle 2 FPV](#)

Upcoming Events



Next Meeting
June 4th

