



# Murray State University Amateur Radio Club

Address: MSUARC  
2580 University Station  
Murray, Kentucky 42071

Website: [www.k4msu.com](http://www.k4msu.com)

## MSU ARC Meeting – September 5<sup>th</sup>, 2023

Meeting was called to order by President, Tracy McKinney, W4IRT, at 7:00 p.m.

**Roll Call & Question of the Night:** Roll call was done and the question of the night was, “Are you planning on participating in the upcoming Fox Hunt?”

**Program:** Stuart Naulty, KN4RGB, presented an interesting program on the Baofeng UV-5R. He went over a brief history of the radio and reviewed its features. Stuart went over some of the pro and cons of the radio and discussed the cheap price of it; as well as some of the recommended accessories. He provided a brief “cheat sheet” of how to program the radio and then explained some of the things you can do with this radio: including listening to the International Space Station, downloading SSTV pictures from the International Space Station, programming the radio from your phone, using APRS with the UV-5R, and using it as a Fox Hunt Transmitter. Stuart’s entire program can be found on the club website at [www.k4msu.com](http://www.k4msu.com) under “Meeting Presentations” for more useful information and references about the Baofeng UV-5R.

**Vice President’s Report:** Diana Mishica, K4IRU, was not present. James Flood, KJ4TKL, reports that he will be presenting the program at the October club meeting.

**Secretary’s Report:** Jana Hackathorn, KN4MWE, moved that the July meeting minutes be accepted as submitted. Joe Wray, WD4GXI, seconded the motion. Motion was carried.

**Advisor Report:** Jana Hackathorn, KN4MWE, reported that she has submitted all of the paperwork to the university to keep us an official club and that there is no mail at this time.

**QSL Manager Report:** Debbie Barton, W8IBT, reported that she has mailed QSL cards to all of the Field Day contacts and has not had any others to respond to since then.

**Treasurer’s Report:** Bill Call, KJ4W, advised that there were no deposits or expenditures again this past month. Bank balance is unchanged at \$3,705.56. Prior to the meeting we have 89 paid members for 2023.

**System’s Report:** Bill Call, KJ4W, reported that there was a lightning strike on Elizabeth Hall on Saturday August 5 which hit the Murray Fire Department repeater antenna. It burned out their hard line and vaporized the inside of their lightning protector, but remarkably it didn’t damage their repeater (a repeater’s duplexer is a good isolator for lightning). However, right across the street, our HF Winlink transceiver apparently got an induced surge from the strike and the receiver went deaf. Bill finally tracked the problem down to two tiny surface-mounted diodes that were part of the receiver front end. There was also a bad transistor in the power supply, which may or may not have been caused by the lightning strike. The HF Winlink system was off the air about two weeks until he got it all fixed. Bill advised that he has installed a second lightning arrestor to try to improve protection. He discovered last Saturday while at the Hamlin repeater site working on a CCFR radio that the power amplifier on our 147.240 repeater is bad. No one had reported a weak signal from the repeater (does anyone use this repeater?) Bill removed and bypassed the amplifier and the repeater is working better now without it. He working on the amp and have identified the problem stage but need parts. So we are on the air with all systems but it’s been an “interesting” month.



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**VE Report:** Bill Call, KJ4W, reported that no one requested an exam session after the August meeting, but we do have at least one request for an upgrade exam tonight.

**CERT Report:** Bill Call, KJ4W, advised that the starting date for the Fall 2023 CERT course is Thursday night September 14, with a Technician Class ham radio course to follow beginning November 9th. There are still spots open, please let Bill know soon if you want to attend. CERT members will be helping with storm siren testing this Friday morning

**Net Manager Report:** Tracy McKinney, W4IRT, presented the net reports as Net Manager, Chuck Williams, K4CHW, was not present tonight:

- *August Net Report:*
  - 4 sessions
  - 104 stations
  - 198 minutes
  - 343.2 operator hours

**Web Manager Report:** Josh Kerr, WV4O, had nothing to report tonight. He will post the program from tonight on the club website.

### **Special Events:**

- **KY DMR Net**, TG3121 Thursdays at 7:00 pm
- **Route 66 On The Air.**
  - Date: September 9-17, 2023. Time: Start: 0001 Z September 9. End: 2359 Z September 17. Additional information can be found at: [https://w6jbt.org/?page\\_id=15](https://w6jbt.org/?page_id=15)
- **CERT Class 2023** will begin on Thursday September 14<sup>th</sup>
- **Fall Fox Hunt** – September 23<sup>rd</sup>, 2023. We will gather at the American Legion building at 1:30 p.m. and the hunt will begin at 2:00 p.m. A potluck will follow the hunt.
- **PAARS** – Next meeting is Monday, October 16<sup>th</sup>, 2023.
- **TECHNICIAN Study Class** will begin on Thursday November 09, 2023. Contact Bill Call 270-293-0068 for additional information.

### **Announcements:**

- **Fulton County Amateur Radio Club** – The Fulton County club has their NET on Sundays at 7:30 p.m. on 145.270 (-) with PL Tone of 100 Hz. Ben Rudy, KO4LFZ, advised that the Fulton club will be hosting a SkyWarn training on September 18<sup>th</sup> at 6pm.
- **KY POTA** – John Coyle, W4PJC, reviewed the results from KY POTA and announced that the winner was Ray Powell, N4NP. He was emailed a certificate acknowledging that he made the most confirmed contacts.



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**Old Business:** Tracy McKinney, W4IRT, advised that there is no old business to address tonight.

**New Business:**

- Tracy McKinney, W4IRT, reported that it is time to renew the club's ARRL insurance it is \$70. James Flood, KJ4TKL, motioned that the club renew the policy; Jana Hackathorn, KN4MWE, seconded the motion. Motion was carried.
- Debbie Barton, W8IBT, brought up the fact that we should start discussing the Christmas activities and decide what the club wants to do this year. Tracy McKinney, W4IRT, advised that he will add that to the October meeting agenda.

**New Members:** Corbie Orten, KO4ARX reported that there was three new member applications for tonight from Ian Marshall(no callsign), Haley Garrison(no callsign), and Mark Germain, KC9FOC. Bill Call, KJ4W, motioned that the new member application be accepted. Debbie Barton, W8IBT, seconded the motion and the new members were accepted unanimously.



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**Attendance:** 36 people

Tracy McKinney, W4IRT

Bill Call, KJ4W

Todd Hackathorn, W4GV

Jana Hackathorn, KN4MWE

Corbie Orten, KO4ARX

Josh Kerr, WV4O

Stuart Naulty, KN4RGB

John Coyle, W4PJC

Gary Cooper, KJ4EBQ

Charles Isele, N1CDK

Bob Aldrich, WD8OWA

Candy Aldrich, KJ4OZU

Don Edwards, K4MKY

Paul Hendrix, KJ4BCF

Jessica Hendrix, KQ4FDS

Donna Pursifull, KQ4FEU

Michael Inman, KYMWI

Steven Dabbs, KN4IRN

James Flood, KJ4TKL

Larry Call, KD6UNL

Denis Barton, WB8SKP

Debbie Barton, W8IBT

Joe Wray, WD4GX1

Jordan Garcia, KN4AXN

Ben Rudy, KO4LFZ

Will Rudy, KO4VLV

Jack Ellis, K9JLE

George Rob, KK4SRR

Devin Richards , no callsign

Ian Marshall, no callsign

Haley Garrison, no callsign

Mark Germain, KC9FOC

Michele Allen, no callsign

Van Allen, no callsign

Cory Wentz, KD9ISM

Steve Vidmer, no callsign

*Respectfully submitted,*

*Corbie Orten, KO4ARX, Secretary*