



# 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 – July 2, 2024

The meeting was called to order by President, John Coyle, W4PJC, at 7:00 p.m.

He estimates that this meeting is approximately the 763<sup>rd</sup> meeting of the MSU Amateur Radio Club.

### **Roll Call & Question of the Night:** Name, call sign, and favorite food or memory from Field Day

#### **Programs::**

The scheduled speaker had to unexpectedly cancel, so Bill Call, KJ4W, stepped in with a Hambit on generators and “Will Bob Get Shocked?” He walked through a number of scenarios with battery and generator connections to lightbulbs including:

- 12Volt battery connected to light bulb
  - Bob won’t be shocked if he touches the wire
  - The circuit’s not grounded so there’s no path for the current to flow
- 120Volt generator?
  - Still no
- 120Volt x 2 from transformer = 240Volt
  - Center Tap tied to ground
  - AC tied to lightbulb
  - Will Bob get shocked?
    - Not IF he touches the grounded side
- It all depends on the ground
- Bob survived

**Vice President’s Report:** Diana Mishica, K4IRU, shared that Tracy McKinney, W4IRT, will present on the upcoming Parks On The Air event at the August meeting.

**Secretary’s Report:** Debbie Barton, W81BT, moved for approval of the June minutes with amendments to reflect a date change from 2004 to 2024 and with an update to the June attendees list. Donna will send corrections to the officers after the meeting. Seconded by Josh Kerr, WV40. Motion carried.

**Advisor’s Report:** Michael Inman, K4MWI, said there had been no mail but the charter paperwork is ready for August.

**QSL Manager’s Report:** Debbie Barton, W81BT, reported that the Logbook of the World certificate was received. She has not received any Field Day requests.

**Treasurer’s Report:** Bill Call, KJ4W, reports that there were no bank deposits last month but he has the proceeds from the Field Day raffle that yielded \$255.00 which will be deposited soon. Debbie paid for the Field Day food using PAARS to save sales tax, and so Bill reimbursed PAARS \$120.48 for that bill. We also have received notice of PO Box renewal which will be paid soon. Bank balance is \$3,828.37 currently and we remain at 72 paid members.

**Systems’ Report:** **Systems’:** Bill Call, KJ4W, only had to restart the 2m Winlink computer this month, the HF one has been steady. He shared that we received at least two compliments during Field Day for our HF Winlink



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gateway, when we contacted stations who recognized the K4MSU callsign. The HF club station is back together after the Field Day use of the radio. The antenna tower trailer is now stored at CCFR Station 1; thanks to Mitchell for letting us keep it at his yard and shop while work was being done on it. The 3 Club repeaters, the 2 APRS digipeaters and the two Winlink systems are all working OK at the moment.

**VE Report:** **VE:** We did not have a VE session after the June club meeting or at Field Day. One has been requested for tonight for a General upgrade exam. (Note: Nichole Barton, KJ4TKH, upgraded to General Class after the meeting!)

**CERT Report:** Josh Kerr, WV4O, noted that a very brief VOAD meeting had been held on July 1 and that the next meeting date is to be determined.

**PAARS Report:** Tracy McKinney, W4IRT reported that a PAARS business meeting would be held July 15 at 5:00 PM at 102 N. 5<sup>th</sup>. Coffee and hams will resume monthly gatherings beginning July 27.

**Net Manager Report:** John Coyle, W4PJC, presented the June 2024 Net Report as Net Manager, Chuck Williams, K4CHW, is not present tonight

- **4 Sessions**
  - 106 operators
  - 191 minutes
  - 337.43 operator hours
- **Details**
  - 6/3 23 stations for 43 minutes
  - 6/10 25 stations for 48 minutes
  - 6/17 30 stations for 54 minutes
  - 6/24 28 stations for 46 minutes
- **SKYWARN Net**
  - None for June

**Web Manager Report:** Josh Kerr, WV4O, reports that we need to replace the Winlink Computers soon. More discussion under New Business.

**Field Day Report:** Field Day was a great success with over 500 contacts completed. He will provide a callsign breakdown next month. Our score for 2024 is at 3038 which compares to 3800 last year. We did get 1600 bonus points for being 100% off-grid power, report in a social bulletin, having a 6 meter solar powered station, having a visit from an elected official (Bonnie Higginson, City Council), and youth GOTA contacts. John thanked Josh for the Judge Executive proclamation.

### **Special Events:**

- PAARS Business Meeting: July 15, 5PM, 102 N. 5<sup>th</sup> Street
  - Coffee and hams will resume monthly gatherings on July 27, same location
- KYPOTA: August 10<sup>th</sup>, 2024
- Huntsville Ham Fest: August 17-18
- Fall Fox Hunt: September 28



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- Remember FCARC Skywarn net is Sundays at 7:30pm, available on echolink ; K4CAY-R (Node 256914)

**Old Business:** There was no old business to discuss at this time.

**New Business:** The Winlink computers will need to either be updated or replaced soon due to MSU stopping support of Windows 10 use and given the escalating unreliability and increasingly slow reboot time of the current computers. Windows 12 is due out this Fall. Winlink is viewed by the club and external users (as mentioned by some Field Day contacts) as a valuable resource. Members discussed upgrade vs new purchase and some anticipated costs. Tracy volunteered that we could purchase some tax free through the PAARS account and then reimburse them. A committee comprised of Bill, KJ4W, Tracy, W4IRT, Josh, WV40, Stuart, KN4RGB, and John, W4PJC, will review a purchase. Cost would be about \$1000 for 3 computers, ideally with new keyboards and monitors and it was discussed that refurbished computers would be ok. Josh, WV40, moved for approval of up to \$1,000 to be used for up to 3 computers. Tracy McKinney, W4IRT, seconded. It was agreed that the old computers will be turned over to surplus after the new computers are installed and tested.

**New Members:** Donna Pursifull, K4DPE, reported that one application had been submitted by Brad Hale, KQ4SLK. Josh Kerr, WV40, moved for acceptance. Tracy McKinney, W4IRT, seconded. Motion passed.

Jana Hackathorn, KN4MWE, moved to adjourn the meeting at 7:55PM. Debbie Barton, W81BT, seconded

**Attendance: 29 people**

John Coyle, W4PJC

Bob Atkinson, K9OIM

Charles Isele, N1CDK

Diana Mishica, K4IRU

Bill Call, KJ4W

Joe Wray, WD4GXI

Michael Inman, K4MWI

Ben Rudy, K04LFZ

Jessie Rudy, K04ZVB

Will Rudy, K04VLV

Alex Rudy, K04YFI

Donna Pursifull, K4DPE

Don Edwards, K4MKY

Tracy McKinney, W4IRT

Robin Bracken, K4MNM

Bob Aldrich, WD8OWA

Candy Aldrich, KJ4OZU

Debbie Barton, W8IBT

Denis Barton, WB8SKP

Ward Adams, KQ4OPJ

Corbie Orten, KO4ARX

George James, KY4GMJ

Jana Hackathorn, KN4MWE

Todd Hackathorn, W4GV

Michael Knight, KG4QPO

Ian Albertson, KQ4NLH

Jack Ellis, K9JLE

Josh Kerr, WV40

Stuart Naulty, KN4RGB

*Respectfully submitted,*

*Donna Pursifull, K4DPE, Secretary*