



MURRAY STATE UNIVERSITY AMATEUR RADIO CLUB



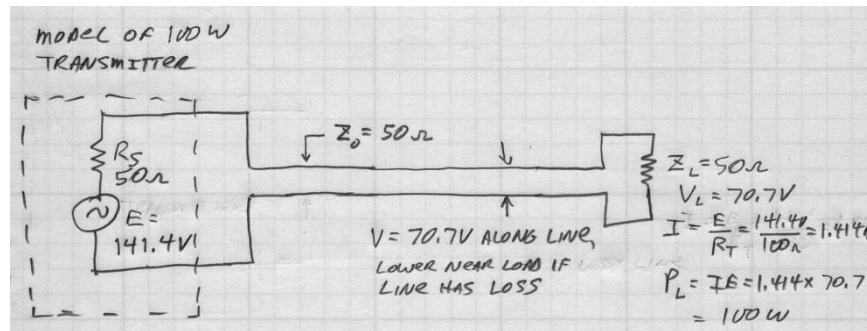
MSU ARC Meeting – November 1, 2022

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 going to be attending the Christmas Party?”

Program: Bill Call, KJ4W, presented an informative program entitled “Antenna Impedance Mismatch, SWR, and Power Loss Issues.” He explained the basic Technician class level mathematics and formulas to figure SWR and illustrated the concepts through diagrams and examples on the whiteboard. Bill also explained the different tools used to measure SWR and presented several different meters that can be used to accomplish this. The basic diagram used to illustrate his presentation is shown below as well as a useful link to a YouTube video that provides an accurate explanation of SWR.

https://www.youtube.com/watch?v=BSa051IWB_c



Vice President Report: Todd Hackathorn, W4GV, had nothing new to report but, as always, we encourage input regarding future presentations.

Secretary's Report: Bill Call, KJ4W, moved to accept the minutes from last meeting; motion was seconded by Todd Hackathorn, W4GV. Motion approved.

Advisor Report: Jana Hackathorn, KN4MWE, advised that she had nothing new to report tonight.

QSL Manager Report: Debbie Barton, W8IBT, reports that she received one QSL card from AB1A.

- She also updated everyone on the Christmas charity project. She explained that the schools are no longer adopting families as in years past. Donations can now be made to Laker Tiger Christmas; or items can be purchased and donated to Towing for Toys by December 5 for families to choose from. Tim Edmonson, KA4WWS, motioned that the club donate \$300 and individual members also donate money as they wish and Debbie and Jana Hackathorn, KN4MWE, could shop for the gifts. They would like to have all donations collected in time for Black Friday sales if possible.

Treasurer's Report: Bill Call, KJ4W, reported that there were no deposits made or checks written. Current bank balance remains at \$4684.86. We are up to 92 active members as of tonight's meeting.



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System's Report: Bill Call, KJ4W, advised that he has not had to work on any of the repeaters or systems. He stated that he has assembled the three circuit boards for adding the sound card modes to the HF Winlink Gateway system; and the next step is to install them into an enclosure, cable things up, and begin testing. John Coyle, W4PJC, has done more work on the antenna trailer tower and it is almost ready to move. Doyan Jennings, KA4BLZ, and Bill will drive to Alabama this weekend to lower it and John or Doyan will tow it back. The 3 Club repeaters, the 2 APRS digipeaters and the 2m Winlink system are all working well as far as he is aware.

VE Report: Bill Call, KJ4W, explained that the exam session that we tentatively planned for Saturday October 22 was cancelled. This Fall's license class will begin November 10, 2022 from 6:00 p.m. to 9:00 p.m. and run for 5 or maybe 6 Thursday nights at CCFR Station 1. There will be an exam session at the end of course, on either Thursday night December 15 or 22.

CERT Report: Bill Call, KJ4W, advised that the Fall CERT course will conclude this Thursday night, with 22 graduates. He believes that several will keep coming on Thursday nights to take the Technician Class license study course.

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

- *October 2022 Net Report:*
 - 5 sessions
 - 114 stations
 - 222 minutes
 - 421.8 operator hours

Special Events: Tracy McKinney, W4IRT, reminded the club that the Christmas Party will be held on December 6th, 2022. We need to arrive around 6:00 p.m. and place our food orders by 6:30 p.m. Our Dirty Santa game would follow dinner as always. Limits for the Dirty Santa game are \$15 or 30 lbs. of HAM radio equipment.

Old Business:

- **HAM of The Year** – Tracy McKinney, W4IRT, reminded the club that we will be voting for HAM of the Year tonight. He reminded everyone of the nominations and a vote was conducted via secret ballot. The following members are the nominations to be considered:
 - **James Flood, KJ4TKL** – nominated by Jana Hackathorn, KN4MWE
 - **John Coyle, W4PJC** – nominated by Bill Call, KJ4W
 - **Jana Hackathorn, KN4MWE** - nominated by John Coyle, W4PJC



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Old Business (cont.):

- **Trailer with Tower** – Tracy McKinney, W4IRT, explained to the membership that a group of volunteers will try to go get the tower trailer and bring it back to Murray the first week of November.
- **Fall Fox Hunt** – Tracy McKinney, W4IRT, shared the results from the Fall Fox Hunt. There were 25 people who attended and 9 teams. The top time results are as follows:
 - 1st Place – Bill Call, KJ4W, Brenda Call, WA4IJU, and Luke with elapsed time of 28:21.
 - 2nd Place – George James, KY4GMJ, and Don Edwards, K4MKY, with elapsed time of 32:14.
 - 3rd Place – Josh Kerr, WV4O, with elapsed time of 37:41.
 - 4th Place (honorable mention) – Steven Dabbs, KN4IRN, and Tracy McKinney, W4IRT with elapsed time of 48:53.

A few special thanks go out to all who brought food; Debbie Barton, W8IBT, and Denis Barton, WB8SKP, for setting up the food; and the American Legion Post 73, George James, KY4GMJ, Don Edwards, K4MKY, and Bill Barley, KO4TVH for the use of the location. Don also announced that the American Legion voted to allow the club to use their location for future Fox Hunts and other gatherings (aside from regular meetings) or emergency operations as needed and free of charge with ample notification.

- **Club Surplus Equipment** – Tracy McKinney, W4IRT, explained that no action has been taken on this topic yet.
- **Non-Profit Exploratory Committee** – Tracy McKinney, W4IRT, mentioned that no further action has been taken on this topic yet.
- **MSU Homecoming** - Randall Winchester, WD4HVA, advised that we had about 10-12 people come through the open house that was held for MSU Homecoming.

New Business: Tracy McKinney, W4IRT, opened a discussion about the Christmas parade for this year. The club decided that we would like to participate again. Josh Kerr, WV4O, motioned that we spend up to \$250 on decorations, candy canes, and anything else needed for the parade. Tim Edmonson, KA4WWS, seconded the motion and it was carried. Bill Call, KJ4W, will check with Calloway County Fire Rescue Station 1 to see if we can use their building to assemble the float.

New Members: Corbie Gomez, KO4ARX reported that there was one new member application tonight from: **Charles Isele, N1CDK**. Tim Edmonson, KA4WWS, motioned to approve the new members and Bill Call, KJ4W, seconded the motion. The new member was approved unanimously.



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Tracy McKinney, W4IRT, adjourned the meeting at 8:37 p.m.

Attendance: 33 people

Tracy McKinney, W4IRT

Bill Call, KJ4W

Larry Call, KD6UNL

Barbara Call, KM4ZTU

Corbie Gómez, KO4ARX

Josh Kerr, WV4O

Bob Atkinson, K9OIM

Helen Atkinson, no callsign

Stuart Naulty, KN4RGB

Robert Bracken, K4FLT

Robin Bracken, K4MNM

Gary Cooper, KJ4EBQ

Bob Aldrich, WD8OWA

Don Edwards, K4MKY

Jack Ellis, K9JLE

Jeff Robinson, KM4YCU

Dave Thomas, KO4QZA

Randall Winchester, WD4HVA

Charles Isele, N1CDK

Kevin Bailey, KK4BXG

Michael McNerthney, WB6ITI

Tim Edmonson, KA4WWS

James Flood, KJ4TKL

Denis Barton, WB8SKP

Debbie Barton, W8IBT

Steven Dabbs, KN4IRN

Todd Hackathorn, W4GV

Jana Hackathorn, KN4MWE

Diana Mishica, K4IRU

Jeff Bigelow, KQ4DBJ

Joe Thweatt, KO4ASK

Jimmy Sholar, KJ4ZTC

Sonja Sholar, no callsign

Respectfully submitted,

Corbie Gómez, KO4ARX, Secretary