

Present: Gene Ellingsen-N0VRM, Mike Lovold-N0PDG, Bruce Carlson-KN0NUL, Robin Davis, Dave Davis-AA0AC, Randy Johnson-AA0ME, Gary Minter-KD9ABS, David Pyrlik-K0DJP, Randy Wabik-KR0B, Doug Nelson-AA0AW, Kim Waller-KE0NQS, Steve Waller-KE0NQT  
Guest: Del Minter-KE0CLI, Melinda Nelson-KF0GJW, Rochelle Nelson

Meeting called to order by President Gene-N0VRM at 6:30 pm

**Minutes:**

Posted on the web page and in the newsletter. Moved to approve by Mike-N0PDG, seconded by Dave-AA0AC, motion passed

**Treasurer's Report:**

Checking 2,590.59  
Savings 2,174.17  
Repeater 1,700.00  
Subtotal Cash \$6,464.76

Winter CD 1,724.37  
Summer CD 0.00  
Subtotal CD \$1,724.37

Assets Subtotal: \$8,189.13

Outstanding Checks:  
Mahtowa Repeater -1,100.00  
Bob Boyd-KD0LYN Memorial -1,390.00  
Repeater Fund -1,700.00  
Reserved Funds -\$4,190.00

Grand Total \$3,999.13

**New Account – Repeater Fund**

Motion to accept by Gary-KD9ABS, seconded Randy-AA0ME, motion passed

Another hurdle crossed to receive \$800.00 from Senovis (former Husky Refinery). Gene-N0VRM received an email on Thanksgiving Day from Senovis, suspicious but sent from Canada. Thanksgiving is not a holiday in Canada but is an American Holiday. Funds should be available via Direct Deposit before the end of the year

**Grants received for the Repeater Upgrade:**

Grandma's Marathon \$1,500.00  
Enbridge \$800.00  
Lake County \$200.00  
Halvor Lines \$275.00 – coming soon

Gene-N0VRM completed and then filed the application for the 501C3 - fee of \$275.00 paid with the application. Used the E-Z form and it was mailed in November. It is a slow process so we will have to exercise some patience. Can take up to ninety (90) days. We are on hold until they review the application

**Christmas Party:**

Today, Gene-N0VRM received a phone call from the church as they found out we were having a meal. That is a no-no, straight from the Bishop. We will be allowed to meet but without food including coffee and donuts. The \$350.00 allocated for food for the Christmas Party with discussion held to leave in the bank. Spend the \$100.00 on the gifts as previously moved and approved

Donation:

The Club's normal donation to the Coppertop Church is made in December each year. Should Bruce-KN0NUL pay it? Consensus is to pay the normal donation. Recorded in the minutes, everything above board

Repeater:

Randy-KR0B gave an update on Repeater Project. Completed the paperwork for Yaesu \$700.00 for the Repeater, done and in process. Up to fourteen (14) weeks for the Repeater to get here. They will not charge the credit card until the Repeater ships. We did not order the Wires X option because we don't have internet access up there. Did not order the controller or amplifier yet in case it doesn't match. Has a basic built-in controller. John Kruk-N9UPC from Yaesu went through it all with Randy-KR0B. We can put a power divider on the receive side. We could use it to hear Mahtowa. Warranty? No idea. Next step, David-K0DJP has equipment to check out our equipment and feed line, using David's equipment. Working on the assumption that we will want to upgrade it. 3Db increase, double the saturation, switching from 1/2" to 7/8". Wind loading? Probably want to know who is working on the stuff. Valid tower crew, bonded. Spend money to do it right the first time. Doing it right means it should last for thirty (30) years or so. Look at the antenna and the line because we can. We are at 550'1-5/8 is running about \$20.00 per foot. Output out of the cans is probably 70. Randy-KR0B is looking at TE Systems and TPL. Both quality and we only want to do this once. 100-125 out of the duplexes. Leaves some play room in the amp. Saturate with our handheld radios, locally. Well on our way to a real, kick ass system. Analog or digital input but only send out analog. Digital is the way to go and it has a smaller footprint. Digital is almost double analog. Mixed mode is on the receive side only. Any use on the fusion repeater? None. This is the Club's Repeater and we will be ready for digital. Digital is more efficient. We are saving a couple hundred dollars. Looking at amplifiers with built in power supplies and ones with external power supply. This would be a nice addition to Mahtowa. It will run full duty cycle at 50 watts. Only two sites - Mahtowa and the 94 site. The others are all just receive sites. Gene-N0VRM will try to touch base with Randy-N0BZZ and if he can't reach him, Randy-KR0B will try to reach him

Mahtowa Repeater Site – Gene-N0VRM turned the heaters on inside. Mr. Haglin (Randy Haglin-N0BZZ) has been there working on the system

Testing:

Tested out a new place for testing at the Moose Lodge in Proctor. Next one as close as possible when the Technician class is over. Two (2) individuals tested - one out of the class got General and a young lady named Molly, studied on her own and got her Technician. Doug-AA0AW will set up a test session if requested

Salvation Army:

Last Friday did Bell Ringing at the Miller Mall Super One. Kettle Report, \$944.57 in our kettle. One lady donated a \$100.00 because of the festive dress of the bell ringers. Thank you to everyone who rang the bells

Motion to adjourn by Dave-AA0AC, seconded by Mike-N0PDG, motion passed at 7:21 pm