



Polk County Amateur Radio Association  
1732 Forest Circle  
Balsam Lake, WI 54810  
[www.N9XH.org](http://www.N9XH.org)

**December 13, 2014**

Polk County Government Center - Balsam Lake - Wisconsin

**Attendance:** Mark W9GWW, Greg N9CHA, Chris KC9NVV, Bill WY9E, Steve NOXC, Ben KC9ROI, Fred AB9LV, Mike KC9JIK, Marv KC9IRT.

**09:05 am Meeting Called to Order:** Mark W9GWW, Vice President, called the meeting to order. No guests were present, welcome to those members who attended this month.

**Treasurers Report:** Chris KC9NVV, PCARA Treasurer - Reported the club's bank balance.

**Old Business:** Greg N9CHA - Yaesu System Fusion update. Yaesu let us know their new repeaters will ship mid-January 2015. Once the system is received a demonstration will be put together so all members can see how it works.

**New Business:** Mark W9GWW conducted the annual election of officers. The 2015 results are:

Rick W9WS - President  
Bill WY9E - Vice President  
Chris KC9NV - Treasurer  
Greg N9CHA - Secretary

Mark W9GWW - Club dues are to be paid by the March meeting.

Mark W9GWW - The club's Cushcraft A3 tri-bander's driven element is rotated out of position. A work detail will be put together when the weather is better to realign and tighten the clamp.

Chris KC9NVV - The UPS in the radio shack has failed. The batteries have been exhausted (4 yrs). A discussion of how to provide emergency power was brought up and it was suggested a 12 volt system be used. Further discussion and planning is needed. Steve NOXC said he has some LED lights that could work for lighting. Greg N9CHA said a new bridge over the radio tables could be built and incorporate the LED lighting.

Mark W9GWW - The bike event discussed earlier this year is scheduled for December 20th. Mark asked for volunteers to help provide assistance. No one is available, so the club will take a pass this year. Hopefully other public service events can be supported in the future.

Chris KC9NVV - The Birkie event will be held February 21st. Volunteers are needed to provide communications along the ski course from Cable to Hayward.

**Skywarn:** Chris KC9NVV reported no activity.

**ARES/RACES:** Chris KC9NVV - Chris thanked Chuck WD9GWG for his contributions to the club as the EC for the past year. Greg N9CHA stepped up and said he'd like to fill the position. As a vote of confidence, Bill WY9E made a MOTION to have Greg fill the EC position. Second by Mark KC9IRT, motion passed. Chris KC9NVV is the NW DEC and will pass Greg's name on to Wisconsin EM.

**Program:** Ben KC9ROI brought a tube guitar amplifier he built. Using a 6V6, 12AX7 and a 5Y3, Ben showed how he used an aluminum chassis and glass-epoxy circuit board to complete the construction. Several members asked questions and Ben was able to describe the circuit layout and how the amplifier works. He plays his guitars through the amp for practice.

Steve N0XC brought a clock made by Chelsea Clocks of Boston in 1945. He purchased the clock for under \$100 (current price is \$775 from Chelsea) and went about restoring it. He reported the clock had water in it at one time and was in very bad shape. Steve showed off his 6" Marine Mechanical Radio Room Clock which looked fantastic. He spent a lot of time taking every clock component apart and cleaned them. He's worked on the face of the clock and is just about completed with a re-silver treatment. The clock features red markings which indicate to a radio operator the time he can transmit or not transmit while on the then-emergency frequency of 500 kHz.

**Meeting adjourned: 11:15 am**

Respectfully submitted by

Greg N9CHA PCARA Secretary 2014