

NEVADA COUNTY AMATEUR RADIO CLUB (www.ncarc.org)

MEETING Minutes: 7 pm, Sept 9, 2024 *Salvation Army, 10725 Alta Street, Grass Valley*
doors open at 6:30pm - *Zoom for this meeting started just before 7.*

1.0 President calls meeting to order at 7 PM

Pledge of Allegiance

2.0 Welcome to Guests, & New Amateur Radio Operators - 2 guests

3.0 Attendees Roll call - 18 present including 2 visitors, 5 on zoom with up to 8 noticed during meeting

4.0 Membership, Treasurer: account balance \$6,097.75

4.0a VE Report: Still looking for a qualified person to lead the VE team; in the mean time, questions are referred to the Sierra Club in Auburn

5.0 Sept Presentation - Jim K9JM - Important Concepts of Antennas

The presentation slides are available for download on K9JM.com. Jim defined some antenna terms, explained what causes RF radiation, explained current distribution and mutual inductance, and talked about ground. Future topics might include antenna simulation with NEC/EZNEC, measuring antenna performance, propagation, and terrain analysis. Please forward your topics of interest to a club officer so we can plan a future presentation on these or other topics. Jim explained the differences between theory and reality with many practical examples and design considerations. Jim explained that most anything will radiate, but his recommended best antenna is a hex beam. Download his charts to obtain all his antenna insights based on his significant formal education and practical experience. Thank you Jim for sharing your knowledge and experience with the club.

6.0 Old Club Business

The August Club Meeting Minutes were approved.

7.0. New Club Business

- Repeater Report - normal operation
- Net Report - normal nets
- ARES Report - meetings continue on schedule, next meeting will be at the Rood Center EOC
- Media Report (website and Ham&Coffee) - please read the weekly reports
- Facebook Report - normal operation

8.0 Other Topics, Questions or any other discussion

- (1) The October club meeting: Jim KB6PUK will present Antarctica
- (2) Planning will start for the Christmas dinner meeting at next month's club meeting.
- (3) An informal eye-ball QSO occurs Thursday morning 8-10 at Sierra Coffee Roasters
- (4) Planning for the election for next year's leaders starts next club meeting - please consider volunteering for a position.
- (5) The October club meeting will include a **silent auction** for parts radios including a Yaesu FT-301 less mike and power connector and a Dentron Super Tuner Plus donated by Carolyn Beardsley N6JRP/KA4KGQ. Starting price is \$40 for each, bidding closes at the end of the meeting, cash and carry (no holds), condition unknown and no returns.
- (6) Ken KA6SUB provided ice cream which will probably be at the October meeting also.

9.0 Meeting Adjourned