



October 8, 2024 Meeting Minutes of the Bishop Amateur Radio Club

BARC's officers for 2024 are:

Bill Chezum	W6WWY	- President
Jon Patzer	NW6C	- Vice President
Terry Fenske	K6UN	- Treasurer
Noam Shendar	W6RT	- Secretary

Meeting called to order by president Bill Chezum (W6WWY) at 19:00. The meeting took place at the new Salvation Army in Bishop and on Zoom.

Number in attendance: 18. Self-introductions included: Jeff AA7GK, John AD6NR, Eric AD6VT, Ed K6END, Terry K6UN, Mike KE6IWM, Dave KG6JZJ, John KJ7UZN, Dylan KN6QOQ, Greg KN6SYX, Denver KN6ZYR, Dave KO6ST, Alex N5FPV, Jon NW6C, Noam W6RT, Gary W6TVX, Bill W6WWY and Bill WA6QZY.

Minutes

Financial Report

Terry (K6UN) reported income of \$1,200 from the Mammoth Tuff race. We spent \$87.99 on SCE. The ending balance was \$31,206.79. Expecting \$3,300 in equipment purchases next month (buying out member-owned hardware).

Repeater Status

Bill (W6QZY) presented a slide show about our system. He began with an overview of the system. At its heart is an SRS controller on Silver Peak. It has a control board and 8 audio boards, which can be cross-connected in any combination. Silver is on port 0, Mazourka is on port 1, via a microwave-based RoIP (radio over IP) link that connects the two sites (32.3 miles apart). The link makes use of unlicensed 5.1 GHz spectrum. Each site becomes a standalone repeater if the link is lost.

With regard to the echo we have been hearing lately on the system, we know it originates on Mazourka. This may also be related to the poor audio we're sometimes hearing - if the issue manifests itself as a phase shift instead of a delay.

Next month Bill will share a network diagram of our system (which is much more complex than the RF and audio diagram).

With regard to Mammoth, it's on port 5, which is part of the VHF group. It's a mobile radio that talks to Mammoth (an in-band link). The repeater hang time is set such that a repeater loop is not possible.

APRS

Eric (AD6VT) went up to Mazourka last month to replace the TNC, which has been working great ever since. We would still like to put the antenna up higher. Noam (W6RT) added that sensitivity there is really good - Mazourka can hear APRS stations as far south as Coso Junction. Silver is less sensitive, possibly due to site noise causing de-sense.

Nightly Net

Dave (KO6ST) reported that other than the gremlins in the system (the audio issues mentioned above), things are going well. The plan is to keep the net at 1930 hours even after the time change.

VOAD

Eric (AD6VT) observed that there's a meeting on 10/24. He can't attend, but Noam (W6RT) said he'll fill in.

CQP Recap

Terry (K6UN) reported that he did well and others did much better. Dave (KO6ST) shared the points scored by club members, for a total of 587,619 points (!).

Mammoth Tuff Recap

John (AD6NR) was at an aid station and things there went well. Jon (NW6C) was at Hot Creek, and said most of the radio traffic was passing information

in support of the race and riders. Dinner was served and was good (at Mammoth Brewing).

Range of Light Races

Noam (W6RT) reminded everyone that the race takes place on Saturday, 10/26, and volunteers are needed.

Volunteers who confirmed included AD6NR, W6WWY, KE6IWM. Maybes include NW6C and KN6ZYR.

Board

Ed (K6END) reported the board hasn't met since the last meeting.

Items from the Floor

Bill (W6WWY) asked if we want to be in the Christmas parade. Perhaps decorate a truck with a tower section and Christmas lights? The date is 12/7.

Eric (AD6VT) brought some ham gear to give away, from his dad's estate.

Meeting adjourned at 19:54.

Noam Shendar (W6RT)

Secretary, Bishop Amateur Radio Club, Inc. (BARC)