



EOSS Meeting Minutes Tuesday July 10, 2018 Centennial, CO

Call to Order: Tom, KE7KCK, called the meeting to order at 7:15 PM. There were 9 present with 6 attending via Zoom Meeting.

Previous Meeting Minutes: Meeting minutes for May 2018 were reviewed and accepted as corrected. No meeting was held in June due to GPSL.

Treasurer's reports: Rob, NØRPF, reported that financially EOSS is doing very well. Rob reviewed the Checking and savings accounts. We are still waiting on invoices from Doug, NØIX, and Steve, KØSCC, for their expenses. Larry, NØNDM, will be placing an order for balloons. Treasurer's report has been accepted.

Tech Committee: KC0D-2 was packaged by Steve KØSCC and qualified at GPSL without the quick release. KC0D-15 qualified its quick release on the GPSL flight. KC0D-1 has had its firmware upgraded and needs to be requalified. Tom, KE7KCK, was complimentary of the KC0D payloads performance during the GPSL flight. Nick, NØLP, added that we will drop beacon frequency 145.050 MHz because it is very close to the DRL packet frequency. Nick will email out the beacon frequencies.

Launch Team: Dave, KDØSEM, will fill in for Larry, NØNDM, on the flights for Metro State.

Ground Station: Jeff, N2XGL, says that the SDR radios worked well on the GPSL trip. Marty, WAØGEH, asked about building a mobile SDR setup for tracking vehicles. Marty said that the C-Base students are working on an SDR system for their tracking vehicle. Jeff N2XGL has been helping them.

Track and Recovery: Tom, KE7KCK, expressed thanks to Marty, WAØGEH, for arranging the DF training held at the Edwin A. Bemis Library in Englewood, CO on June 9th. Marty, WAØGEH, along with Dan, NØPUF, provided an hour of training followed by a two-hour hunt so participants could hone their skills finding the five hidden transmitters.

Marty added that Mike, W9CN, will be Alpha for the next two flights. Please respond to Mike's request for trackers.

Membership: John, KCØL, asked if we have a membership roster that shows member status. Randy is waiting for a reply from Ham Club Online as this is a service that they provide.

GPSL Recap: Nick, NØLP, said that GPSL was held in Nampa, Idaho this year and was well attended by 17 EOSS members and wives. We drove up in two days stopping in Ogden, Utah for the night and finishing the drive to Nampa on Wednesday. On Thursday we visited three wineries in the Snake River Valley. The tech session was on Friday at the Northwest Nazarene University in Nampa. There were a number of fine presentations given along with a very interesting talk on SDR provided by Jeff, N2XGL. That evening we launched a Pico balloon that stayed aloft for nine days only to disappearing in the Bermuda Triangle. On Saturday we launched our balloon from Homedale, ID, right on the Snake River. The ascent rate was

quite low possibly due to fill factor. The flight went much further than expected and landed near the town of Lowman, ID in the mountains. The recovery proved to be an adventure. Although we knew where it was, we couldn't get to it easily. Jim, KCØRPS, and Chris, KBØYRZ, began walking on a trail towards the area of interest. Marty, WAØGEH, went back to town and enlisted help from some locals with dirt bikes. They joined up with Jim and Chris making the recovery and providing a ride back out of the hills. To sum it up, a good time was had by all. Nick made a motion for the EOSS treasury to reimburse EOSS members for cost associated with the recovery for four EOSS payloads. The motion was passed. Next year's GPSL will be back in Pella, Iowa. Tom, KE7KCK, will assemble a committee for EOSS to host GPSL in 2023.

Upcoming Flights: Tom, KE7KCK, will be the flight coordinator for the BIRST flight on the July 21st that will fly out of Limon. The BIRST flight will be a single 3000 gram or two 1500 gram balloons as weather permits. Tom will be doing a final payload inspection this Thursday. Please contact Tom if you want to attend. Tom will email out information pertaining to BIRSTs invitation for EOSS members to attend a rocket launch on July 14th in Ordway, CO.

Jim, KCØRPS, will be the flight coordinator for the COSGC on July 28th. This flight will be a single 3000 gram or two 1500 gram. The flight will most likely be from Deer Trail due to the summer turn around. CU Science Discovery will have a flight on August 11th. Jim has received some interest for fall and spring STEM flights.

Web Site Update: Marty, WAØGEH, and Ben, KBØUBZ, have a meeting setup for a Saturday in August to develop an outline for changes to the web site. This is to improve access for members and non-members with possible members only section.

Help Wanted: Tom, KE7KCK, asked if anyone would like to help with coordinator duties. Please contact Tom, KE7KCK, or Jim KCØRPS, if you are interested.

New Clients: Tom, KE7KCK, recommends that before EOSS takes on any new business that we get a summary of their organization to present to EOSS members for approval. This is a means to protect EOSS's reputation. Rob, NORPF, suggest we build a template on the web site to refer new organizations to so they understand what we require.

Meeting adjourned at 08:30 PM

Minutes prepared by David Lanning, Secretary.