



EOSS Meeting Minutes Tuesday, March 13, 2018 Centennial, CO

Tom called the meeting to order at 7:00 PM. There were 9 present with 8 attending via Zoom meeting.

Previous Meeting Minutes: February's meeting minutes were reviewed and accepted as corrected.

Treasurer's reports: Rob KCOUO reviewed the checking and savings accounts. Marty WA0GEH has received funds from Rob to register the EOSS trailer. Larry NONDM has placed a large order for balloons needed for upcoming flights. Rob is still working on a new pricing structure. New articles of incorporation will be sent out to Tom KE7KCK and Russ KB0TVJ for signatures and return to Rob for submission. Treasurer's report has been accepted.

Tech Committee Report: Mark KC0D reported that the new release worked smoothly releasing the weight of the payload string as witnessed by Tom's KE7KCK's camera. There was a problem sending frequency to the radio and the battery came loose at landing. Both of these have been repaired by Steve K0SCC. KC0D-11 was requalified after repairing a broken antenna on a previous flight. Steve K0SCC has a new revision of release coming to reduce the load on servo. Once the new release is qualified we will have six of them built by a machine shop. The next goal is to repackage all of the tops so that they are all the same weight and equal in every respect. Steve added that we are still waiting on the 12 foot chutes. The next thing Steve has planned is to build two more beacons like AE0SS-12 and 13. All of this is should be completed within 12 months.

Launch Team: Larry NONDM has balloons on order. Larry added that gas is ordered for next flight. Jim KC0RPS has five balloons on order for the Pico tracker and would like to do a test fill and launch. Tom KE7KCK may have a contact for helium.

Ground Station: Nick N0LP announced that Russ KB0TVJ is on the road to good health and looks forward to him rejoining the ground station. We continue to monitor the Windsor launch site which maybe lost due to a potential change in ownership. We have an FAA waiver for Wiggins but no specific launch site. Nick and Russ will contact officials in Wiggins to find a suitable location.

Track and Recovery: Marty WA0GEH reported that he had a good group of trackers on the fun flight. Marty express appreciation for Randy's help with predictions to help with the targeted release experiment. We have a crew lined up for week's flight. Jim K0LOB added that he will bring a new tracker interested in EOSS. Randy asked if we should be wearing high visibility vests while performing recovery operations in hunting season. Marty will look into obtaining vests.

C-Base Students: John KCOL is down to the last two technician class training modules with the C-Base students. They will have about two weeks before the Boulder Amateur Radio Club provide a test session. Marty WA0GEH thanked John KCOL for his efforts to gain new hams.

Fun Flight Recap: Mark KC0D was the flight coordinator for the fun flight and reported recap info during the technical report. Steve K0SCC said we had too many EOSS payloads for one person to work with. Looking for volunteers to help on flight line.

Upcoming Flights: Jim KC0RPS is the flight coordinator for EOSS-268 out of Deer Trail. This will be a single 3000 gram or two 1500 gram balloons with scheduled launch time of 7:04 AM. Bernadette has offered to purchase all of the gas for the flight. Steve K0SCC suggested that we increase the Deer Trail music fund by \$5.00 which was agreed to by all.

CU, Gateway to Space: Tom will be the flight coordinator for the upcoming three heavies or four 1500's for CU and Gateway to Space out of Eaton, Colorado. Still waiting on frequency information from the students.

Web Training: Jim KC0RPS held a productive breakfast meeting to provide training on posting pictures and web pages. Jim will repeat this event content for the C-Base student at another date.

Web Site: Marty WA0GEH said the web site is moving along and ask for content that anyone would like to see posted. Ben KB0UBZ is in the process of upgrading the security before upgrading the operating system. Marty and Ben have been working on design changes to improve the overall web experience.

EOSS Frequency Plan: Nick N0LP presented a plan to bring EOSS back into compliance with the Colorado 2 meter band plan. We need frequencies to support 4 tops plus one for flight qualification and one more as a spare. Nick with help from Steve K0SCC have been working on frequency selection to help reduce potential intermodulation problems. Bottoms will continue using the 144.34 Mhz with 144.36 Mhz as a spare. Nick will post new frequencies on the web site and email out to the membership. Flight coordinators will make decision when to start using these new frequencies. Steve will provide a name for each frequency T1 through T6.

Meeting adjourned at 8:45 PM

Minutes prepared by David Lanning, Secretary.