



EOSS Meeting Minutes Tuesday September 8, 2020 Online via Zoom

Call to Order: Tom KE7KCK called the meeting to order at 7:00 PM. There were thirteen attending via Zoom.

Previous Meeting Minutes: Meeting minutes for August 2020 are available on the EOSS web site for review. Tom KE7KCK asked if anyone had comments or corrections. August's minutes is accepted as written.

Treasurer's reports: Treasurer's report will be tabled until next month's meeting

Tech Committee: Mark KCØD is working with Steve KØSCC on board revisions and firmware for new payload. We hope to have ready for next flight with space available. Bernadette has got CU's ADS-B power problem repaired and tested and it is ready for next flight.

Ground Station: Jeff N2XGL said nothing new to report.

Track and Recovery: Marty WAØGEH said he is working on new checklist as discussed in previous meeting. Jim KCØRPS said he became interested in tracking radiosondes after listening to Mark N9XTN's presentation at this year's virtual GPSL. Jim KCØRPS got software running on a Raspberry Pi and along with Marty WAØGEH tracked an afternoon radiosonde. The radiosonde reached 106,000 feet and took about 2 and a half hours to land in the dark. Jim shared some photos of the radiosonde showing its construction.

Launch Team: Larry NØNDM said he will check to see if he has enough gas for next flight. Larry NØNDM will request help from Dave KDØSEM if needed.

Tracking Bricks: Jeff N6BA and Jeff N2XGL have been discussing if code is in a state where they can promote it to a package build prior to the October 3rd flight. Jeff N6BA said they are removing the need for the APRSC from the software and they need to do some testing prior to production. If not, it will be in the dev branch for the October 3rd flight.

Upcoming flights: Norm KEØPAM said that there will be four schools participating in the October 3rd flight from Pennsylvania, Colorado, and Texas. Each of these schools are dealing with COVID-19 in different ways. Norm added that over a hundred students used the kiosk on the last flight. Jeff N2XGL encouraged them to use all the features available. Mark KCØD asked Norm KEØPAM if any of the student experienced any performance issues. Norm KEØPAM said that he would request feedback on the October 3rd flight. Jeff N2XGL recommended that students stay logged in once they initiate connection with the server to improve performance.

New Business: Rob NØRPF found a box of VHS tape and photos from EOSS's early flights. John KCØL asked if they could be sent off to be digitized and shared. Rob will look into this. Rob NØRPF said that his

previous employer has donated a 3D printer to EOSS. Rob NØRPF will send required paperwork to Tom KE7KCK for signature.

RMHAM Donation: Doug KØBRA said that RMHAM whose Squaw Mountain repeater that EOSS uses for preflight nets and some EOSS flights is looking for donations. Their usual means of raising money is Hamfest which has not been possible due to COVID-19. The funds will be used to upgrade existing repeaters in Leadville and Vail. Tom KE7KCK spoke with Rob NØRPF who suggested a starting point of \$500.00. Larry NØNDM made a motion to donate \$500.00 to RMHAM. Marty WAØGEH seconded the motion. EOSS members approve the motion. Marty WAØGEH encouraged EOSS members to help support other radio clubs by becoming members of clubs such as PPFMA, CRA, DRC, and RMHAM.

University of Houston and NASA: John KCØL said it has been a couple weeks since he has heard anything from the flight team. John will contact them and pass on information as it comes available. Marty WAØGEH plans on traveling down to assist.

Linking Calendar: Doug KØBRA demonstrated how to add EOSS flights to your calendar by linking to the EOSS web site. Mark KCØD said it also works with Outlook.

Meeting adjourned at 08:00 PM

Minutes prepared by David Lanning, Secretary.