



EOSS Meeting Minutes Tuesday October 8, 2019 Longmont, CO

Call to Order: Tom KE7KCK called the meeting to order at 7:00 PM. There were six present with five attending via Zoom Meeting.

Previous Meeting Minutes: Meeting minutes for September 10, 2019 are available on the EOSS web site for review. Tom KE7KCK directed attendees to review minutes online. With no additions or corrections, passage of September's minutes is accepted as written.

Treasurer's reports: Treasurers report tabled until next month.

Tech Committee: Mark KCØD stated we are in good shape for upcoming flights.

ADS-B Committee: Mark KCØD said that the ADS-B committee has been meeting once each week and have made a lot of progress. The UA Avionics device selected by Steve KØSCC for CU is still the best option. The committee found that some versions of dump1090 may be responsible for erroneous altitude reports above 60,000 feet. Mark KCØD, Jeff N6BA, and Jeff N2XGL will collect raw RF data from the next flight using a version of dump 1090 from Flight Aware. Marty WAØGEH has reserved three tail numbers for potential hardware acquisition. CU has changed their squawk code from 1200 to 4453 as recommended by the EOSS committee.

Launch Team: Dave KDØSEM will be fill and launch coordinator for upcoming flight.

FAA: Russ KBØTVJ said Michelle had nothing to pass on from the FAA this month and thanked Russ for asking. Randy asked if tail numbers are required when filing a NOTAM. Russ KBØTVJ suggested it might be better to add to the HIBAL.

Ground Station: No Ground station report this month.

Upcoming Flights: Tom KE7KCK has assumed flight coordinator duties for the NDIA/Fall STEM flight on October 12th. This will be a single 1500-gram balloon that is expected to travel 69 miles down range. CU will be flying their ADS-B. Norm KEØPAL added that one of the payloads will imprint environmental data onto the recorded video. The same payload will be collecting samples at altitude and require swabs to be taken from the payload handler, launch location, and the landing site. Marty WAØGEH inform Norm KEØPAL that students can follow the flight at track.eoss.org.

Tom KE7KCK will be the flight coordinator for the Metro State flight on November 2nd. Metro is planning on flight operations during this flight and will be using their SDR Tracker. Tom will reach out to see if they need assistance with setting it up.

CU will be launching two 3000-gram or four 1500-gram balloons on November 9th.

GPSL Coordinator: Tom KE7KCK will send out email asking for a volunteer to assume GPSL coordinator for EOSS. We appreciate the great work that Nick NØLP has done over the last fourteen years as the GPSL coordinator. Nick will help this person get started.

NASA: Russ KBØTVJ says that NASA is looking for students to do more sophisticated projects such as steerable parachute's. Marty WAØGEH said that this is something EOSS needs to be involved with.

Meeting Place: Thanks to our host Glenn WBØDKT.

Meeting adjourned at 09:00 PM

Minutes prepared by David Lanning, Secretary.