



EOSS Meeting Minutes Tuesday December 8, 2020 Online via Zoom

Call to Order: Russ, KBØTVJ called the meeting to order at 7:00 PM. There were sixteen attending via Zoom.

Previous Meeting Minutes: Meeting minutes for November 2020 are available on the EOSS web site for review. Russ, KBØTVJ asked if anyone had comments or corrections. November's minutes were accepted as written.

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

Tech Committee: Mark, KCØD said that new software for several wireless cutdown payloads has been completed and delivered to KØSCC for updates. Mark KCØD said that the release with KCØD-14 worked well for our last flight. Another successful qualification flight. AEØSS-12 payload was damaged on our last flight and has been repaired by KØSCC. Thanks Steve!

Ground Station: Jeff N2XGL said that he and Jim, KCØRPS are working to get a group of radiosonde receivers ready to do practice runs using Raspberry Pi 4. If anyone is interested in this adventure, contact either Jim or Jeff for some startup guidance.

Old and New Business: EOSS Shirts are now available from a local shop. It would be nice to have a unified shirt for our events, so if you are interested, contact Ben, KBØUBZ for ordering information which was sent to the group previously.

Track and Recovery: Marty WAØGEH said he has some high visibility vests in his vehicle that can be worn by recovery teams in high traffic areas to improve safety. The vests were used on our last flights and offered the crew on the road good visibility of trackers in the field.

Launch Team: To repeat from last month's minutes, Larry NØNDM said he has inventoried balloons and has many 100-gram, one 600-gram, nine 1500-gram, and four 3000-gram balloons. Based on the current flights on the schedule Larry NØNDM plans on placing an order for five 1500-gram and eight-3000-gram balloons in February. Dave KDØSEM has manufactured several nozzles for the 3000-gram balloons. Larry NØNDM said that he needs to buy hose clamps for new nozzles. Steve KØSCC said that a nozzle for a 3000-gram balloon was recovered on the last flight and will turn it over to Larry NØNDM at the next launch.

FAA: Unfinished business: Russ KBØTVJ called Michelle to ask for any info she had for EOSS. She said that she never hears of any complaints about the way we operate. She also passed on that she will be retiring in December. Russ said that twelve years ago Michelle had a daughter and EOSS flew a doll to the edge of space and asked if anyone knew what became of the doll. Steve KØSCC said he would look through a collection of stuff passed on to him by Nick NØLP. Larry NØNDM suggested that we invite

Michelle and her daughter to come to a flight where we can fly a new doll to the edge of space, and they can be there for the launch and recovery. Steve KØSCC added that we present Michelle with a plaque of appreciation. Does anyone know if this plaque was created and delivered?

EOSS-305 Recap: Jim said the client was pleased with the flight and students enjoyed the kiosk. Jim KCØRPS said that the client requested another flight for March 20, 2021.

Upcoming flights: Jim KCØRPS added that Chris KDØNRY has come up with a new program called **BUFFS Building Upon First-hand Fundamental Skills**. (Chris is the resident Master of Creative acronyms.) Individual students are sent a package with components for building a payload. Jim KCØRPS said we could potentially see eighteen 182-gram payloads on a flight string. Jim KCØRPS rounded out flight schedule with a qualification flight in February if needed. A flight for NDIA on March 20th. April will be difficult with COSGC possibly on April 3rd, Metro State's Intro to Space on the 10th, and a combination of Eaton middle school and Gateway to Space on the 17th. Look for Jim's schedule updates during our January 12 meeting.

As per protocol, if there are any corrections or errors in these minutes, please contact Marty for appropriate revisions.

Meeting adjourned at 7:35 PM

Minutes prepared by Marty Griffin, David Lanning, Secretary