



EOSS Meeting Minutes Tuesday July 9, 2019 Centennial, CO

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

Previous Meeting Minutes: Meeting minutes for May 14, 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 May's minutes is accepted.

Treasurer's reports: Rob NØRPF reviewed checking and savings accounts. Rob noted that he expecting payment for Summit Middle Schools flight. If you are missing reimbursement for previous flights contact Rob NØRPF to make a claim. Rob will contact Larry NØNDM to provide updated payment information for purchasing balloons. Rob will move money ear marked for ADS-B project into savings at Tom's KE7KCK's request.

Tech Committee: Mark KCØD reported a successful DIGI test during the GPSL flight for one of the KCØD beacons. Mark has upgraded two of the KCØD beacons to fix a problem with radios turning off after burst. Mark has one more that still requires the fix.

FAA: Russ KBØTVJ has contacted the FAA regarding this weekend's flight and everything is OK. Russ will file a NOTAM in a couple days and then file a report with Denver Center. We will not need to work with TRACON on this flight.

Ground Station: Jeff N2XGL said that they are prepared for Saturdays launch from Genoa, CO. Jeff will bring the generator, as no power is available at the softball field. We will setup on the southwest side of the field. Jeff will be setup with SDR for tracking and support analog FM and DMR for communications.

Track and Recovery: Marty WAØGEH said that we have seven track and recovery teams lined up for this weekend. We will all meet at the launch site. Marty asked that we keep an eye out for a missing fluorescent green and orange parachute. If found contact Marty WAØGEH or Steve KØSCC.

GPSL Recap: Nick NØLP reported that we had a group of nineteen people travel to GPSL this year. This is one on the largest groups since GPSL was in Colorado Springs. Most of us met up in North Platte, NE and had a nice drive to Pella, IA. That evening we had a pleasant dinner at Mike NØMPM and Genelle's home. Mike wowed everyone with his ability to rebuild old electronics. The meeting went fine and Jeff N6BA impressed everyone with a great presentation on the SDR Brick. On Saturday, all of the groups met on the Pella Athletics field where we launched six balloons simultaneously. We had an easy recovery of the payloads about 23 miles from launch. Nick NØLP has a write up on the web site for those interested in the flight. After recovery, we each found our own way home. Nick NØLP reiterated that this was a great GPSL. Marty WAØGEH again congratulated Jeff N6BA and Jeff N2XGL for their presentation and all the work they have put into the SDR system.

Upcoming BIRST Flight: Tom KE7KCK is the flight coordinator for the BIRST flight this weekend out of Genoa, CO. This will be a single 3000-gram balloon carrying three BIRST payloads. Tom has posted the payload plans on the EOSS web page. Randy's prediction show landing near highway 287 between Limon and Hugo. Tom KE7KCK cautioned trackers and Ball interns to position ourselves safely off the highway. Marty WAØGEH will post to email setup information to place in the bricks for this flight.

Upcoming CSGC Flight: Tom KE7KCK is the flight coordinator for this flight out of Deer Trail, CO. We expect to fly two 3000-gram balloons depending on cloud cover. Tom KE7KCK said that launch site could change to Limon if reversal predicts movement into DIA airspace.

Tracking Kiosk: Tom KE7KCK wanted to commend Jeff N2XGL for his work getting the kiosk up and running. Jeff N2XGL will send out instructions to the BIRST interns and ask for feedback on their experience. Jeff N2XGL said John Spainhower NØJPS provide the resources for hosting the kiosk. Thanks John. Portions of code written by Jeff N6BA were used to create the kiosk. The kiosk location is at <https://track.eoss.org>.

ULA Rocket Launch: Anyone interested in attending rocket launch at Fort Carson on July 20 please contact Tom KE7KCK for a pass.

SDR Brick: John KCØL asked for permission to give presentation created by Jeff N6BA to hams in Texas. Permission granted. John also asked about software revisions and new orders. Jeff N6BA said all future version of tracking software would run on current hardware. Marty WAØGEH said we are not taking orders at this time for new systems and we will reevaluate in October.

Meeting adjourned at 08:40 PM

Minutes prepared by David Lanning, Secretary.