



## EOSS Meeting Minutes Tuesday March 12, 2019 Centennial, CO

**Call to Order:** Tom, KE7KCK, called the meeting to order at 7:20 PM. There were 12 present with 5 attending via Zoom Meeting.

**Previous Meeting Minutes:** Meeting minutes for February 12th, 2019 were emailed out for review. Tom, KE7KCK, asked those attending for comments. Minutes were accepted as written.

**Treasurer's reports:** Rob, NØRPF, reviewed checking and savings accounts. Rob is expecting invoice from Steve, KØSCC, for several items. Rob received invoice for Alinco DJ-C7 radio but it is missing address. Marty, WAØGEH, will send address to Rob for payment.

**Tech Committee:** Mark, KCØD, has posted payload qualification results to the web site. KØSCC-14 worked fine as a beacon but failed as a digipeater. KEØBMV-11 is qualified as a top. KCØD-2 failed to communicate with the Bluetooth release. Mark, KCØD, has patched a problem in the code and will attempt to requalify on an upcoming flight. KCØD-14 qualified but had an issue writing data to SD card. KØSCC-11 was the top of record on this flight will be retired and components from this payload will be used to build a new bottom.

**Launch Team:** Larry, NØNDM, has found a 1200-gram balloon in his inventory and suggest we fly it at GPSL this year. Larry asked that we use 1500-gram balloons for all exempt flight instead of 1200 gram. Larry's inventory includes one 600 gram, one 1200-gram, eleven 1500 gram, and three 3000-gram balloons. Referring the schedule Larry needs to place an order for ten more 3000-gram balloons. Larry NØNDM has the Hydrogen ordered for this weekend's flight. Tom, KE7KCK, has volunteered to assist Larry with loading. Larry is concerned that incoming weather may affect county roads in the recovery area for upcoming flight. Be prepared.

**Ground Station:** Russ, KBØTVJ, reported that everything worked well at the ground station. Communications with Alpha worked well on the repeater as well as DMR. Russ noted that we had some visitors that were very interested in our operation. One of them has experience working with the FAA and one became an EOSS member on the spot. Russ KBØTVJ also relayed he felt (from conversation with Gene) that Gene might like for us to do more launches from his place. Tom, KE7KCK, will keep that in mind when scheduling flights.

**Track and Recovery:** Marty, WAØGEH, and Mark, KCØD, spent some of their time testing and troubleshooting payloads during the qualification flight. Doug, NØIX, entered the property and knocked the chute down to prevent damage to flight string by dragging. Land owner was then contacted for permission to enter property for recovery. Marty, WAØGEH, says next week's flight will be shorter but could be lots of mud. Bring tow ropes.

**Upcoming Flight:** Tom, KE7KCK, will be flight coordinator for these flights out of Dear Trail. Two flights maybe combine into a single heavy due to a parachute issue. Russ needs to know by Friday morning so

he can notify the FAA with a new HIBAL. Steve, KØSCC, will not be available this weekend and Tom will pass payloads over to Mark, KCØD.

**Drone Use:** Tom, KE7KCK, will write an EOSS policy regarding the use of drones at launch sites and during recovery based on discussion at this meeting. Those in attendance agreed that drone operators need to coordinate with EOSS. EOSS will request permission for drone operations when requesting permission to recover flight string. Russ, KBØTVJ, added that the drone is the person's property and EOSS is not responsible for damage or loss.

**Election Results:** Randy presented the results of club officer's election. Thirty-one percent of the membership cast votes. All Officers have been unanimously re-elected.

President	Tom Lawndrigan	KE7KCK
Vice President	Russ Chadwick	KBØTVJ
Treasurer	Rob Wright	NØRFP
Secretary	David Lanning	KDØSEM
Membership Coordinator	Randy Collander	

Motion to accept the election results has been passed.

**National Space Symposium:** Metro State has extended an offer to EOSS to man a booth at the National Space Symposium in Colorado Springs. Anyone wishing to participate should contact Tom KE7KCK.

**GPSL:** Jeff, N2XGL, and Jeff, N6BA, have offered to present their work on the EOSS SDR tracker at GPSL. Marty offered high praise for their work on this system and for injecting excitement into EOSS.

Meeting adjourned at 09:00 PM  
Minutes prepared by David Lanning, Secretary.