

Reason for Extension Application for 0060-EX-CM-2018

The overall goal of the CHOMPTT (CubeSat Handling of Multisystem Precision Time Transfer) mission is to synchronize an atomic clock on a CubeSat with one on the ground by exchanging short laser pulses between the two (emitted from the ground, and reflected by a CubeSat retro-reflector).

The laser ground station is operated by the staff of the University of Florida. The laser is owned by University of Florida.

This research has been ongoing, and continues. The satellite continues to operate nominally. The current FCC radio license, 060-EX-CM-2018, will expire on February 1, 2020.

We request a license to extend this operation for another 2 years beyond this expiration date. All of the operating parameters will remain the same. We simply want to continue the experiments with the existing satellite.