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September 8th, 2015

To Whom It May Concern:

This letter provides the clarification requested from the FCC regarding our experimental license request # 0131-EX-PL-2015.

1. We are requesting an experimental license to work in the amateur radio service. An official letter of coordination has been received from the International Amateur Radio Union, which is included with our FCC application. In accordance ITU Article No. 4.4 MinXSS shall not cause harmful interference to, and shall not claim protection from harmful interference caused by, a station operating in accordance with the radio regulations.
2. Point of contact for receiving JSpOC conjunction assessments.
Tom Woods
University of Colorado, LASP
1234 Innovation Dr., Boulder, CO 80303
Tom.woods@lasp.colorado.edu
303-492-4224
3. The MinXSS CubeSat does not have propulsion for making orbit adjustments. The spacecraft is deployed into a 400 km circular orbit, where atmospheric drag will cause the spacecraft altitude to decay rapidly. The spacecraft is stabilized using the Blue Canyon Technologies XACT attitude determination and control system. We will have the ability to respond to any possible conjunction with a modified attitude state from deployment to reentry.
4. An ITU cost recovery letter from Denitta Ward, the Assistant Vice Chancellor for Research at the University of Colorado at Boulder, is attached as requested.
5. An ITU cover letter is attached as requested.
6. An updated ITU SpaceCap file for MinXSS that has been verified by the ITU SpaceVal software to be error free along with 4 attachments showing the required antenna patterns.

Please don't hesitate to contact me (palo@colorado.edu) if you have any additional questions.

Regards,

Scott Palo
Professor and Associate Dean for Research
Victor Charles Schelke Endowed Professor
Department of Aerospace Engineering Sciences