

### **Narrative Exhibit**

Maris Developments (“Maris”) respectfully requests Special Temporary Authority (“STA”) for 30 days beginning June 24, 2021, for two measures. First, it seeks to add the Sherpa-FX2 and Sherpa-LTE1 spacecrafts as points of communication to provide supplemental telemetry, tracking, and command (“TT&C”) services from its Earth station in Boardman, Oregon (Call Sign E181611). The Commission has licensed Sherpa-FX2 and Sherpa-LTE1 to operate under IBFS File No. SAT-STA-20210205-00017. Second, it seeks to add Lynk Global, Inc.’s (Lynk) *Shannon* satellite, Call Sign WL2XOT, as a satellite point of communication. The Commission has authorized Lynk to operate under experimental license File No. 0088-EX-CN-2021.

#### ***Sherpa-FX2 and Sherpa-LTE1 Supplemental TT&C***

The Sherpa-FX2 and Sherpa-LTE1 spacecrafts will be operated by Spaceflight, Inc. (“Spaceflight”) and will be launched from Cape Canaveral, on SpaceX’s Transporter-2. Spaceflight provides launch and deployment services for CubeSats, microsats, and other spacecraft. Sherpa-FX2 contains approximately 25 satellites, twelve of which have propulsion, and no further payloads or spacecraft. Sherpa-LTE1 will deploy up to 10 spacecraft, nine of which have propulsion, and no further payloads or spacecraft. In the second phase of its mission, Sherpa-LTE1 will perform a controlled deorbit lasting no longer than six months. Maris has been asked by Spaceflight to provide supplemental support for TT&C operations, which Maris proposes to provide using the 2075 MHz (Earth-to-space) center frequency with a 0.3 MHz bandwidth.

Spaceflight will coordinate operations with co-frequency satellite operators in proximity to the Sherpa-FX2 and Sherpa-LTE1 spacecrafts. Maris will take all reasonable steps to eliminate harmful interference to or from its Earth station in the event of harmful interference.

The public interest would be served by grant of this STA request. It will enable Maris to support the Sherpa-FX2 and Sherpa-LTE1 spacecrafts’ mission to deploy their 35 hosted satellites into orbit, which in turn will provide valuable satellite services to the public, as well as to perform testing of Sherpa-LTE1’s propulsion system to perform a controlled deorbit.

#### ***Lynk / Shannon TT&C***

Maris seeks to use two Viasat 5.4m antennae to communicate with *Shannon* for TT&C. See SES-MOD-201911021-01544, Narrative Attachment, at 2 (describing antennae); see also SES-LIC-20180827-02512 (granted Sept. 11, 2019).

(1) TT&C Uplink to Shannon

Center Frequency: 2080 MHz  
Emission Designator: 675KG1D  
Polarity: RHCP

**Applicant: Maris Developments**  
**Call Sign: E181611**  
**Request for 30-day Special Temporary Authority**  
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Max EIRP Per Carrier (dBW): 43.0 dBW  
Max EIRP Density per Carrier (dBW/4 kHz): 20.72 dBW/4 KHz  
Modulation: QPSK

(2) TT&C Downlink from Shannon

Center Frequency: 2260 MHz  
Emission Designator: 675KG1D  
Polarity: RHCP  
Max EIRP Per Carrier (dBW): 5.37 dBW  
Max EIRP Density per Carrier (dBW/4 kHz): -16.90 dBW/4 KHz  
Modulation: QPSK