

### **Request for Special Temporary Authorization**

Astro Digital US Inc. ("Astro Digital") hereby requests special temporary authority ("STA") for 60 days,<sup>i</sup> beginning November 28, 2017, to commence operations of the earth station identified in Attachment 1 to this exhibit. The application for regular or permanent authority to operate the earth stations cannot be processed and granted prior to the deployment of the next two Landmapper satellites scheduled to launch November 28, 2017 and December 15, 2017 respectively<sup>ii</sup>. Accordingly, an STA is necessary for Astro Digital to communicate with those satellites, including for in-orbit testing and transmission of telemetry, tracking, and command signals. The Commission has previously found that grant of earth station STA's to communicate with satellites, pending the processing of permanent applications, serves the public interest, convenience, and necessity by allowing for the deployment of new and additional satellite services in a timely manner. For these same reasons, the FCC should grant this STA allowing Astro Digital to bring into service the two Landmapper-BC satellites in a timely manner<sup>iii</sup>.

#### **Site Address:**

NASA Ames Research Park  
340 Cody Road, Building 503  
Moffett Field CA, 94035

**Latitude:** 37° 24' 34" N

**Longitude:** 122° 03' 12" W

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<sup>i</sup> See 47 C.F.R. 25.120(b)(3)

<sup>ii</sup> Astro Digital is currently in process of submitting a Part 25 application for permanent use of the Telemetry and Command Ground Station.

<sup>iii</sup> Astro Digital understands that its authorized operations will be on an unprotected, non-harmful interference basis.