

---

Date: June 29, 2020

**ANNUAL REPORT**

**FILED VIA IBFS**

Ms. Marlene H. Dortch, Secretary  
Federal Communications Commission  
445 12<sup>th</sup> Street, SW  
Washington, DC 20554

Subject: Astro Digital US, Inc.  
Annual Report  
Space Station Call Sign S3014

Dear Ms. Dortch:

Astro Digital US, Inc. (“Astro Digital”), license of the authorized sensing satellite systems operating under the Call Sign S3014 hereby submits this report on the operational status of the satellite system for the annual period from June 1, 2019 to May 31, 2020. This report is being filed pursuant to Section 25.170 of the Commission’s rules.

**I.STATUS OF THE SATELLITE SYSTEM**

Table 1 summarizes the status of Astro Digital’s satellite system operating under Call Sign S3014, the Landmapper system.

Table 1. Summary of the Landmapper system, as of May 31, 2020.

Satellite name	Launch Date	Orbit Apogee	Orbit status	Operational status
Landmapper-BC3	January 12, 2018	500 km, SSO	In-orbit	Under assessment <sup>1</sup>
Landmapper-BC4	December 3, 2018	575 km, SSO	In-orbit	Operational and performing to specifications <sup>2</sup>

<sup>1</sup> Astro Digital had previously reported that Landmapper-BC3 was non-operational because the company had been unable to communicate with the satellite for several months. See Astro Digital, 2019 Annual Report (June 28, 2019). However, Astro Digital recently re-contacted Landmapper-BC3 (despite over a year of non-communications) and is currently assessing the health and capabilities of the satellite.

---

**II. CONTACT PERSON FOR RESOLUTION OF INTERFERENCE PROBLEMS AND FOR EMERGENCY PURPOSES**

Chris Biddy  
Chief Executive Officer  
Astro Digital US, Inc.  
Santa Clara, CA 95054  
Tel: 805-234-7300, email: [chris@astrodigital.com](mailto:chris@astrodigital.com)

**III. CONSTRUCTION PROGRESS AND ANTICIPATED LAUNCH DATES**

Table 2 summarizes the status of the upcoming Landmapper satellites in construction and their anticipated launch dates. The satellite launch dates for the remaining satellites in the Landmapper constellation are to be determined.

Table 2. Summary of the status of the Landmapper satellites in construction and their anticipated launch dates, as of May 31, 2020.

Satellite name	Status	Anticipated Launch Date	Launch Vehicle	Anticipated Orbit
Landmapper-BC5	In production	October 1, 2020	Electron	SSO 550 km alt.
Landmapper-Demo6	In production	December 2020	Falcon-9	SSO 450-600 km alt.
Landmapper-Demo7	In production	December 2020	Falcon-9	SSO 450-600 km alt.

Sincerely,

Astro Digital US, Inc.

By:

*s/ Chris Biddy*

Chris Biddy  
Chief Executive Officer  
Astro Digital US, Inc.

---

<sup>2</sup> During the most recent annual period, Astro Digital had temporarily lost communications with Landmapper-BC4 for a period of time. See Astro Digital Application, IBFS File No. SAT-AMD-20200528-00064 (May 28, 2020). Astro Digital has since regained communications, and all systems onboard Landmapper-BC4 are operational.