

Description of Request

With this application, Planet Labs PBC (Planet) requests modification of its license for the earth station located in Maddock, ND (Call Sign E150004).¹ Specifically, in this modification application, Planet seeks authorization to:

- (1) Add the Planet Tanager satellite system (Call Sign S3152)² as an additional Point of Communication (POC); and
- (2) Add two 2.8 m S/X/Ka-band antennas and one 1.8 m S/X-band antenna at the site.

Communications to and from the earth station with authorized satellite systems will be consistent with conditions in the relevant space station authorizations. The proposed modifications are reflected in the attached Schedule B. There are no other changes to the authorized license.

Planet is in the process of coordinating the proposed operations with affected federal government spectrum users.

Planet attaches radiation hazard reports for the new antennas.³ Planet has previously submitted Comsearch reports demonstrating compliance with necessary coordination requirements.⁴

The remote control point of contact is:

Planet Labs PBC
645 Harrison St., Floor 4
San Francisco, CA 94107
Phone: +1 (415) 853-3683

¹ See ICFS File No. SES-MOD-20231005-02208 (granted Nov. 27, 2024).

² See ICFS File Nos. SAT-LOA-20220920-00112; SAT-AMD-20231013-00251 (granted-in-part May 10, 2024).

³ The radiation hazard report for the existing 5 m antennas can be found attached to Planet's September 19, 2024 letter filed in ICFS File No. SES-MOD-20231005-02208. See Letter from Danielle J. Piñeres, Planet Labs PBC, to Marlene H. Dortch, Secretary, FCC, ICFS File No. SES-MOD-20231005-02208, Call Sign E150004 at Attachment B (filed Sept. 19, 2024).

⁴ *Id.* at Attachment A (Comsearch Frequency Coordination and Interference Analysis Report dated Nov. 16, 2023); ICFS File No. SES-LIC-20150120-00021 (granted Sept. 30, 2015).

Should you have any questions, please do not hesitate to contact the undersigned.

Respectfully Submitted,

Danielle J. Piñeres
VP of Regulatory Affairs & Compliance
Planet Labs PBC

Attachments:

1. Radiation Hazard Report 2.8 m Antenna
2. Radiation Hazard Report 1.8 m Antenna