

Narrative Description of Request

With this application, Planet Labs PBC (“Planet”) requests modification of its earth station license for the Fairbanks, Alaska earth station Call Sign E150030¹ to add an Earth-to-Space UHF channel centered at 450.1 MHz. This change will align the ground station license with Planet’s Flock space station license, which was updated to the 450.1 MHz channel on January 30, 2026, prior to the next planned launch of Flock satellites.²

As Planet discussed in its Flock space station modification application amendment,³ adjusting the UHF uplink frequency for communications with new Flock satellites (and for existing, on-orbit Flock satellites, where possible⁴) from 450.0 MHz to 450.1 MHz will foster more efficient, shared use of this UHF spectrum with federal government spectrum users, particularly NASA.

Communications to and from the earth station with the authorized Flock satellite system will be consistent with conditions in the relevant space station authorization. The proposed modification is reflected in the attached Schedule B and also listed below. There are no other changes proposed to the license.

¹ See ICFS File No. SES-MOD-20171002-01095 (granted Dec. 05, 2017).

² See ICFS File No. SAT-MOD-20231031-00269, SAT-AMD-20250130-00033 (granted Jan. 30, 2026).

³ See ICFS File No. SAT-AMD-20250130-00033, at Narrative, p.2 (filed Jan. 30, 2025).

⁴ Planet intends to update its on-orbit Flock satellites to operate on 450.1 MHz where possible. However, as discussed with federal spectrum managers, Planet will continue to operate its existing, on-orbit fleet on 450.0 MHz in the event those satellites are unable to change operational frequencies. This will allow Planet to continue to conduct UHF ranging on those satellites for the purpose of providing the most accurate ephemeris data regarding the location and trajectory of its satellites through their demise.

Frequency Range Min	Frequency Range Max	Center Frequency	Emission Designator	Necessary Bandwidth	Direction
450.07 MHz	450.13 MHz	450.1 MHz	60K0F1D	60 kHz	Earth-to-Space

Please direct any questions you may have regarding this filing to the undersigned.

Respectfully Submitted,

/s/ Danielle J. Piñeres

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