



645 Harrison street  
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December 14, 2018

**FILED VIA IBFS**

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

Subject: Planet Labs Inc.  
Launch Notification of 19 satellites, Nov. 29, 2018 and Dec. 3, 2018  
Space Station Call Sign S2912 (Flock)

Dear Ms. Dortch:

On November 29, 2018, consistent with its Commission authorization<sup>1</sup>, Planet Labs Inc. (Planet) successfully launched 16 and put into initial operations 15 of 16 satellites, known as Flock 3r plane, to a nominal orbital altitude of approximately 483 km circular with inclination of 97.48 degrees, (via Antrix PSLV vehicle launched from India). On December 3, 2018, consistent with its Commission authorization<sup>2</sup>, Planet Labs Inc. (Planet) successfully launched and put into initial operations 3 of 3 satellites, known as Flock 3s plane, to a nominal orbital altitude of approximately 579 km circular with inclination of 97.76 degrees, (via SpaceX Falcon 9 vehicle launched from the USA). These satellites operate in the authorized bands 8025-8400 MHz (space-to-Earth) for remote sensing data, 2025-2110 MHz (Earth to space) for telecommand data, 401-402 MHz (space-to-Earth) and 449.75-450.25 (Earth to space) for telemetry, tracking, and control operations.

Should you have any questions, please contact the undersigned.

Respectfully submitted,

A handwritten signature in blue ink, appearing to read "Craig Scheffler", is written over a horizontal line.

Craig Scheffler  
Spectrum Manager  
craig@planet.com  
720-238-5634

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<sup>1</sup> Planet Labs Inc., Grant in IBFS File No. SAT-MOD-20170713-00103 (granted July 19, 2018).

<sup>2</sup> Ibid.

## CERTIFICATION

1. I am the responsible engineer for the satellite communications of Planet, the licensee of Call Sign S2912.
2. Pursuant to Condition 16 of the above referenced authorization, as well as Sections 25.164(a), 25.164(f), and 25.173(b) of the Commission's Rules, I hereby certify that:
  - (a) Planet launched the Flock 3r satellite plane consisting of 16 satellites on November 29, 2018 and launched the Flock 3s satellite plane consisting of 3 satellites on December 3, 2018;
  - (b) The Flock 3r space stations have been placed in their nominal assigned orbital altitudes of approximately 483 km circular with inclination of 97.48 degrees, and the Flock 3s space stations have been placed in their nominal assigned orbital altitudes of approximately 579 km circular with inclination of 97.76 degrees;
  - (c) The early in-orbit checkout of the space stations has been completed;
  - (d) 18 of the 19 launched satellites are operational and will complete commissioning over the next few weeks. 1 satellite from Flock-3r requires further debugging.
  - (e) The measured performance of the operational space stations is consistent with their station authorization; and
  - (f) The space stations are capable of using their assigned frequencies.
3. I declare under penalty of perjury that the foregoing is true and correct to the best of my knowledge.

Respectfully submitted,

**PLANET LABS INC.**

By:

*s/ Craig Scheffler*\_\_\_\_\_

Craig Scheffler  
Spectrum Manager  
Planet Labs Inc.