



346 9th street  
San Francisco, CA 94103  
www.planet.com

August 14, 2017

**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 48 satellites July 14, 2017  
Space Station Call Sign S2912

Dear Ms. Dortch:

On July 14, 2017, consistent with its Commission authorization<sup>1</sup>, Planet Labs Inc. (Planet) successfully launched and put into operations 47 of 48 satellites, known as Flock 2k plane, to a nominal orbital altitude of approximately 475 by 475 km with inclination of 97.0 degrees. 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. 47 of the 48 satellites are operating nominally and we are unable to establish contact with Flock 2k-42. Investigations are ongoing, but a deployment failure is presumed.

Should you have any questions, please contact the undersigned.

Respectfully submitted,

A handwritten signature in blue ink, appearing to read "Craig Scheffler".

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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-20150802-00053 (granted Sept 15, 2017).



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## 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 2k satellite plane consisting of 48 satellites on July 14, 2017;
  - (b) The space stations have been placed in their nominal assigned orbital altitudes of approximately 475 by 475 km with inclination of 97.00 degrees;
  - (c) The early in-orbit testing of the space stations has been completed;
  - (d) 47 of the 48 satellites are operational and 1 satellite is presumed to have failed to deploy from the launch vehicle.
  - (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.