



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

June 29, 2017

2017 ANNUAL REPORT

FILED VIA IBFS

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

Subject: Planet Labs Inc.
2017 Annual Report
Space Station Call Sign S2912 and S2862

Dear Ms. Dortch:

Planet Labs Inc. (“Planet”), licensee of the authorized remote sensing satellite systems operating under the Call Signs S2912 and S2862 hereby submits this report on the operational status of the satellite systems for the 2017 annual period from June 1, 2016 to May 31, 2017. This report is being filed pursuant to Section 25.170 of the Commission’s rules.

I. STATUS OF THE SATELLITE SYSTEMS

Table 1 summarizes the status of Planet’s satellites operating under Call Sign S2912.

Table 2 summarizes the status of Planet’s satellites operating under Call Sign S2862.

Unless otherwise specified in the tables, all satellites are performing to specifications and operational within the scope of their part 25 licensed spectrum.



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Table 1 - Summary of S2912 (Flock) satellite status, as of May 31, 2017.

| Satellite Name | Launch Date | Orbit | Status |
|---|-------------|------------|---|
| Flock 1a-1 to Flock 1a-28 | 1/9/2014 | ISS | All De-orbited |
| Flock 1b-1 to Flock 1b-28 | 7/13/2014 | ISS | All De-orbited |
| Flock 1c-1 to Flock 1c-11 | 6/19/2014 | 620 km SSO | All satellites Non-Operational |
| Flock 1d-1 to Flock 1d-26 | 10/24/2014 | ISS | Failed Launch |
| Flock 1d'-1, Flock 1d'-2 | 1/10/2015 | ISS | All De-orbited |
| Flock 1e-1 to Flock 1e-14 | 4/13/2015 | ISS | All De-orbited |
| Flock 1f-1 to Flock 1f-8 | 6/28/2015 | ISS | Failed Launch |
| Flock 2b-1 to Flock 2b-14 | 8/19/2015 | ISS | All De-orbited |
| Flock 2e-1 to Flock 2e-12 | 12/6/2015 | ISS | 12 satellites Operational |
| Flock 2e'-1 to Flock 2e'-20 | 3/23/2016 | ISS | 20 satellites Operational |
| *Flock 2p-1 to Flock 2p-12 | 6/22/2016 | 505 km SSO | 12 satellites Operational |
| *Flock 3p-1 to Flock 3p-88 | 2/15/2017 | 505 km SSO | 86 satellites Operational; 2 satellites Non-Operational |
| *Subject to Authorization SAT-MOD-2015-802-00053 granted Sept. 15, 2016: Up to 600 additional authorized, up to 200 in operations, up to 120 total above 500 km orbit altitude. | | | Total Operational: 130 of 200 Total Launched: 100 of 600 Total above 500km alt: 100 of 120 |

Table 2 - Summary of S2862 (Skysat) satellite status, as of May 31, 2017.

| Satellite Name | Launch Date | Orbit | Status |
|----------------------|-------------|--------------|---------------------------------|
| Skysat-1 | 11/21/2014 | 600 km SSO | Operational |
| Skysat-2 | 7/08/2014 | 630 km Polar | Operational |
| Skysat-3 | 6/22/2016 | 510 km SSO | Operational |
| Skysat-4 to Skysat-7 | 9/16/2016 | 500 km SSO | 4 satellites Operational |

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

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III. CONSTRUCTION PROGRESS AND ANTICIPATED LAUNCH DATES

Table 3 summarizes the status of Planet Labs’ satellites in construction and their anticipated launch dates. These satellites are not designated as ‘replacement’ satellites but listed here for completeness.

Table 3 - Summary of Flock and Skysat construction and launch, as of May 31, 2017.

| Satellite Name | # of Sats | Status | Anticipated Launch Date | Launch Vehicle | Anticipated Orbit |
|------------------------|------------------|-----------------------|--------------------------------|-----------------------|--------------------------|
| Flock 2k | 48 | Construction complete | July 2017 | Soyuz | 475 km, SSO |
| Flock tbd | 2 | In construction | Sept 2017 | Electron | 500 km, SSO |
| Flock tbd | 2 | In construction | Nov 2017 | Electron | 500 km, SSO |
| Flock tbd | 4 | In construction | Dec 2017 | PSLV | 500 km, SSO |
| Skysat-8 to Skysat-13 | 6 | In final Test | Oct 2017 | Minotaur-C | 500 km, SSO |
| Flock tbd | 3 | In construction | Oct 2017 | Minotaur-C | 500 km, SSO |
| Skysat-14 to Skysat-15 | 2 | In construction | Q2 2018 | Falcon 9 SSO-A | 575 km, SSO |

Respectfully submitted,

PLANET LABS INC.

By:
s/ Craig Scheffler _____
 Craig Scheffler
 Spectrum Manager
 Planet Labs Inc.