

June 26, 2014

2014 ANNUAL REPORT

FILED VIA MYIBES

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

Subject: Planet Labs Inc.
FRN: 0021516331
2014 Annual Report
Space Station Call Sign S2912

Dear Ms. Dortch:

Planet Labs Inc. (“Planet Labs”), licensee of the authorized remote sensing satellite systems operating under Call Sign S2912, hereby submits this report on the operation of the satellite system for the 2014 annual period of June 1, 2013 to May 31, 2014. This report is being filed pursuant to Section 25.210(l) of the Commission’s rules.

I. STATUS OF THE SATELLITE SYSTEM

On December 03, 2013 the Commission granted Planet Labs authority to construct, launch, and operate a non-geostationary-orbit (“NGSO”) satellite system consisting of twenty eight (28) Earth Exploration Satellite Service (“EESS”) spacecraft – collectively known as Flock 1 – that operates in the 8025-8400 MHz frequency bands and receives command signals in the 2025-2110 MHz band.¹ Planet Labs was also authorized to use the 401-402 MHz and 449.75-450.25 MHz bands for early-phase and emergency-backup telemetry, tracking, and command operation.²

Planet Labs successfully launched all twenty eight (28) Flock 1 satellites aboard an Antares rocket on January 9, 2014. The satellites were temporarily stowed aboard the International Space Station (ISS), until the first two satellites were deployed from the ISS into the intended orbit on February 11, 2014. The rest of the satellites were gradually deployed from the ISS throughout the month of February until the final two were deployed on February 28, 2014. By February 28, 2014, all twenty eight (28) satellites of the licensed system were successfully brought into service. The operation of the Planet Labs satellites fully conformed to the terms and conditions of the underlying authorization, and continues to conform to those terms and conditions.

On June 18, 2014 the Commission granted Planet Labs authority to construct, launch and operate an additional twenty eight (28) NGSO EEES spacecraft – collectively known as Flock 1b – and a

¹ *Planet Labs Inc.*, Stamp Grant in File No. SAT-LOA-20130626-00087 (released December 03, 2013, “*Planet Labs Grant*”).

² *Ibid.*

further eleven (11) NGSO EES spacecraft – collectively known as Flock 1c – as a Modification to the original grant of authority.³

Planet Labs successfully launched all eleven (11) Flock 1c satellites aboard a Dnepr rocket on June 19, 2014, which were immediately released into orbit. Planet Labs has gained positive control of all Flock 1c satellites, and all eleven (11) satellites are undergoing commissioning in a manner that fully conforms to the terms and conditions of the underlying authorization.

The launch of all twenty eight (28) Flock 1b satellite aboard an Antares rocket is currently scheduled for July 10, 2014. Just as for Flock 1, the Flock 1b satellites will be delivered to the ISS via cargo stowage, and are expected to be deployed from the ISS approximately one month after launch. Based on current deployment schedules and satellite orbit predictions, the Flock 1b satellites will be a 1 for 1 replacement of the Flock 1 satellites.

II. NON-SCHEDULED OUTAGES

There have been no non-scheduled outages of the Planet Labs satellites. All in-orbit Planet Labs satellites have been functioning normally and transmitting imagery data at appropriate intervals in conformance with the *Planet Labs Grant*.

III. TRANSPONDER UTILIZATION

All transponder capacity is used for the internal business purposes of Planet Labs: to download remote sensing imagery from the Flock satellites, which imagery Planet Labs uses for internal purposes and provides to its customers and partners.

IV. TRANSPONDER FUNCTIONING

As of May 31, 2014, seven (7) of the Flock 1 satellites had reentered and completely burned up in the Earth's atmosphere. The remaining twenty one (21) Flock 1 satellites continued to perform to specification in accordance with the Commission's authorization. A table summarizing the status of the Planet Labs satellites is provided in Attachment A.

Respectfully submitted,

PLANET LABS INC.

By:

s/ Michael Safyan _____

Michael Safyan
Regulatory Compliance
Planet Labs Inc.

cc: Columbia Operations Center

³ *Planet Labs Inc.*, Stamp Grant in File No. SAT-MOD-20140321-00032 (released June 18, 2014, "*Planet Labs Mod I*")

List of Attachments

Attachment A Tables summarizing the status of authorized Planet Labs satellites as of May 31, 2014

Attachment A

Table 1 Summary of Flock 1 satellite status as of May 31, 2014

Satellite Name	Status
Flock 1-1	de-orbited
Flock 1-2	operational
Flock 1-3	de-orbited
Flock 1-4	operational
Flock 1-5	operational
Flock 1-6	operational
Flock 1-7	operational
Flock 1-8	operational
Flock 1-9	operational
Flock 1-10	operational
Flock 1-11	operational
Flock 1-12	de-orbited
Flock 1-13	operational
Flock 1-14	de-orbited
Flock 1-15	operational
Flock 1-16	operational
Flock 1-17	de-orbited
Flock 1-18	operational
Flock 1-19	operational
Flock 1-20	operational
Flock 1-21	de-orbited
Flock 1-22	operational
Flock 1-23	operational
Flock 1-24	operational
Flock 1-25	operational
Flock 1-26	operational
Flock 1-27	de-orbited
Flock 1-28	operational