



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

June 21, 2018

2018 ANNUAL REPORT

FILED VIA IBFS

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

Subject: Planet Labs Inc.
2018 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 2018 annual period from June 1, 2017 to May 31, 2018. 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, 2018.

Satellite Name	Launch Date	Orbit Apogee	# Launch	# Launched above 500 km	# In-Orbit	# In Operation
Flock 1	1/9/2014	ISS	28	n/a	0	0
Flock 1b	7/13/2014	ISS	28	n/a	0	0
Flock 1c	6/19/2014	620 km SSO	11	n/a	11	0
Flock 1d	10/24/2014	ISS	26	n/a	failed launch	0
Flock 1d'	1/10/2015	ISS	2	n/a	0	0
Flock 1e	4/13/2015	ISS	14	n/a	0	0
Flock 1f	6/28/2015	ISS	8	n/a	failed launch	0
Flock 2b	8/19/2015	ISS	14	n/a	0	0
Flock 2e	12/6/2015	ISS	12	n/a	2	1
Flock 2e'	3/23/2016	ISS	20	n/a	8	1
*Flock 2p	6/22/2016	505 km SSO	12	12	12	9
*Flock 3p	2/15/2017	505 km SSO	88	88	88	63
*Flock 2k	7/14/2017	475 km SSO	48	0	47	38
*Pioneer	1/20/2018	500 km SSO	1	0	1	1
*Flock 3m	10/31/2017	534 km SSO	4	4	4	3
*Flock 3p'	1/12/2018	513 km SSO	4	4	4	4
			*Total 156	*Total 108	Total 177	Total 120
<p><i>*Subject to Authorization SAT-MOD-2015-802-00053 granted Sept. 15, 2016: Up to 600 authorized, up to 200 in operations, up to 120 total above 500 km orbit apogee altitude. In Operation = conducting imaging, downlinking, or otherwise actively controlled by Planet Labs</i></p>						

Table 2 - Summary of S2862 (Skysat) satellite status, as of May 31, 2018.

Satellite Name (NORAD ID)	Launch Date	Orbit	Status
Skysat-1	11/21/2014	600 km SSO	1 satellite Operational
Skysat-2	7/08/2014	630 km Polar	1 satellite Operational
Skysat-3 (Skysat-C1)	6/22/2016	510 km SSO	1 satellite Operational
Skysat-4 to Skysat-7 (Skysat-C2 to Skysat-C5)	9/16/2016	500 km SSO	4 satellites Operational
Skysat-8 to Skysat-13 (Skysat-C6 to Skysat-C11)	10/30/2017	500 km SSO	6 satellites Operational
			13 Satellites Total Operational



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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, 2018.

Satellite Name	# of Sats	Status	Anticipated Launch Date	Launch Vehicle	Anticipated Orbit
Flock 3r	16	Construction complete	Sept 2018	PSLV	505 km, SSO
Flock 3s	3	In construction	NET Oct 2018	Falcon 9 SSO-A	575 km, SSO
Flock tbd	12	In construction	NET Dec 2018	Electron	500 km, SSO
Flock 3k	12	In construction	NET Dec 2018	Soyuz-2	495 km, SSO
Skysat-14 to Skysat-15	2	In construction	NET Oct 2018	Falcon 9 SSO-A	500 km, SSO*
Skysat-16 to Skysat-21	6	In construction	mid-2019	TBD	500 km, SSO

NET = No earlier than

* Skysats-14,15 will be launched to 575 km and use onboard propulsion to lower their orbit to 500 km, SSO.

Respectfully submitted,

PLANET LABS INC.

By:

s/ Craig Scheffler

Craig Scheffler
 Spectrum Manager
 Planet Labs Inc.