

S2912 SAT-STA-20180108-00005 IB2018000056
Planet Labs Inc.
Flock



*with condition

File # SAT-STA-20180108-00005

Call Sign S2912 Grant Date 02/21/18
(or other identifier)

Term Dates period of
From 02/17/18 To: 180 days

Approved by OMB
3060-0678

Approved:

Stephen J. Duall
Stephen J. Duall
Chief, Satellite Policy Branch

Date & Time Filed: Jan 8 2018 12:45:30:916PM
File Number: SAT-STA-20180108-00005
Callsign:

FEDERAL COMMUNICATIONS COMMISSION
APPLICATION FOR SPACE STATION SPECIAL TEMPORARY AUTHORITY

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APPLICANT INFORMATION

Enter a description of this application to identify it on the main menu:
STA 180 Day Extension Application (Troll/Punta Arenas) #2

1. Applicant

Name:	Planet Labs Inc.	Phone Number:	720-238-5634
DBA Name:		Fax Number:	
Street:	346 9th St.	E-Mail:	craig@planet.com
City:	San Francisco	State:	CA
Country:	USA	Zipcode:	94103 -
Attention:	Craig Scheffler		

ATTACHMENT TO GRANT
Planet Labs Inc.
IBFS File No. SAT-STA-20180108-00005

IBFS File No(s):	SAT-STA-20180108-00005	GRANTED – With Conditions  International Bureau Satellite Division
Licensee/Grantee:	Planet Labs Inc.	
Call Sign:	S2912	
Satellite Name:	Flock	
Orbital Location: (required station- keeping tolerance)	NGSO at altitudes between 350 km and 660 km	
Administration:	United States of America	
Nature of Service:	Earth Exploration Satellite Service	
Scope of Grant:	Special temporary authority for a period of 180 days to allow all satellites in the Planet Labs constellation to continue to operate in the 8025-8400 MHz frequency band with the Kongsberg Satellite Services (KSAT) ground station in Troll, Antarctica and the Swedish Space Corporation (SSC) ground station in Punta Arenas, Chile. ¹	
Service Area(s):	See Scope of Grant	
Frequencies:	8025-8400 (space-to-Earth) (remote sensing data)	
Unless otherwise specified herein, operations under this grant must comport with the legal and technical specifications set forth by the applicant or petitioner and with Federal Communication Commission's rules not waived herein. 1. Planet Labs shall avoid interfering with existing space agency missions using the same ground stations by yielding priority to said missions when scheduling conflicts arise.		
Licensee/grantee is afforded thirty (30) days from the date of release of this action to decline the grant as conditioned. Failure to respond within this period will constitute formal acceptance of the grant as conditioned. This action is taken pursuant to Section 0.261 of the Commission's rules on delegated authority, 47 C.F.R. § 0.261, and is effective upon release. Station licenses are subject to the conditions specified in Section 309(h) of the Communications Act of 1934, as amended, 47 U.S.C. § 309(h).		
Action Date:	February 21, 2018	
Term Dates	From: February 17, 2018	To: period of 180 days
Approved:  Stephen J. Duall Chief, Satellite Policy Branch		

¹ Condition 7 of the space station authorization for the Planet Labs constellation lists specific earth station locations to which the satellites are authorized to transmit in the 8025-8400 MHz frequency band. *See File No. SAT-MOD-20170713-00103; SAT-AMD-20171025-00144; and SAT-AMD-20171106-00151.* The Troll and Punta Arenas earth stations are not included in the list of Condition 7. This grant of STA authorizes transmissions to the Troll and Punta Arenas earth stations on a temporary basis, but does not otherwise change the terms and limitations of Condition 7.

2. Contact	
Name: Tony Lin Company: Hogan Lovells US LLP Street: 555 Thirteenth Street,NW City: Washington Country: USA Attention:	Phone Number: 202-637-5795 Fax Number: E-Mail: tony.lin@hoganlovells.com State: DC Zipcode: 20004 - Relationship: Legal Counsel
(If your application is related to an application filed with the Commission, enter either the file number or the IB Submission ID of the related application. Please enter only one.) 3. Reference File Number SATMOD2017071300103 or Submission ID	
4a. Is a fee submitted with this application? ☒ If Yes, complete and attach FCC Form 159. If No, indicate reason for fee exemption (see 47 C.F.R.Section 1.1114). ☐ Governmental Entity ☐ Noncommercial educational licensee ☐ Other(please explain):	
4b. Fee Classification CXW – Space Station (Non-Geostationary)	
5. Type Request ☐ Change Station Location ☒ Extend Expiration Date ☐ Other	
6. Temporary Orbit Location	7. Requested Extended Expiration Date 2018-07-11 00:00:00.0

8. Description (If the complete description does not appear in this box, please go to the end of the form to view it in its entirety.)		
Planet Labs Inc. (Planet) requests a 180-day extension of the special temporary authority (STA) granted in File No. SAT-STA-20170713-00104, incorporated herein by reference, to communicate in the 8025-8400 MHz band with ground stations in Troll, Antarctica and Punta Arenas, Chile. Grant of this extension request serves the public interest because it will		
9. By checking Yes, the undersigned certifies that neither applicant nor any other party to the application is subject to a denial of Federal benefits that includes FCC benefits pursuant to Section 5301 of the Anti-Drug Act of 1988, 21 U.S.C. Section 862, because of a conviction for possession or distribution of a controlled substance. See 47 CFR 1.2002(b) for the meaning of "party to the application" for these purposes. ☒ Yes ☐ No 		
10. Name of Person Signing Craig Scheffler	11. Title of Person Signing Spectrum Manager	
12. Please supply any need attachments.		
Attachment 1:	Attachment 2:	Attachment 3:
WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND / OR IMPRISONMENT (U.S. Code, Title 18, Section 1001), AND/OR REVOCATION OF ANY STATION AUTHORIZATION (U.S. Code, Title 47, Section 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, Section 503).		

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8. Description

Planet Labs Inc. (Planet) requests a 180-day extension of the special temporary authority (STA) granted in File No. SAT-STA-20170713-00104, incorporated herein by reference, to communicate in the 8025-8400 MHz band with ground stations in Troll, Antarctica and Punta Arenas, Chile. Grant of this extension request serves the public interest because it will provide Planet with the additional downlink capacity needed to support the transmission of imaging data from its satellite constellation pending the grant of its satellite modification application, SAT-MOD-20170713-00103 that, inter alia, seeks authority to modify the restriction on the earth stations with which Planet is permitted to communicate in the X-band frequencies.