

S2912  
Planet Labs Inc.  
Flock

SAT-STA-20170713-00104

IB2017001892



File # SAT-STA-20170713-00104

Call Sign S2912 Grant Date 08/30/17

(or other identifier)

Term Dates period of From 07/17/17 To: 180 days

Approved: Stephen J. Duall

Stephen J. Duall  
Chief, Satellite Policy Branch

Approved by OMB  
3060-0678

Date & Time Filed: Jul 13 2017 4:03:00:810PM  
File Number: SAT-STA-20170713-00104  
Callsign:

FEDERAL COMMUNICATIONS COMMISSION  
APPLICATION FOR SPACE STATION SPECIAL TEMPORARY AUTHORITY  
FOR OFFICIAL USE ONLY



APPLICANT INFORMATION

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

1. Applicant

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

**ATTACHMENT TO GRANT**  
Planet Labs Inc.  
IBFS File No. SAT-STA-20170713-00104

<b>IBFS File No(s):</b>	SAT-STA-20170713-00104		<p><b>GRANTED – With Conditions</b></p>  <p><b>International Bureau Satellite Division</b></p>
<b>Licensee/Grantee:</b>	Planet Labs Inc.		
<b>Call Sign:</b>	S2912		
<b>Satellite Name:</b>	Flock		
<b>Orbital Location: (required station-keeping tolerance)</b>	NGSO at altitudes between 350 km and 660 km		
<b>Administration:</b>	United States of America		
<b>Nature of Service:</b>	Earth Exploration Satellite Service		
<b>Scope of Grant:</b>	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. <sup>1</sup>		
<b>Service Area(s):</b>	See Scope of Grant		
<b>Frequencies:</b>	8025-8400 (space-to-Earth) (remote sensing data)		
<p><b>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.</b></p> <p>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.</p>			
<p>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.</p> <p>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.</p> <p>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).</p>			
<b>Action Date:</b>	August 30, 2017		
<b>Term Dates</b>	<b>From:</b> July 17, 2017	<b>To:</b> period of 180 days	
<p><b>Approved:</b></p>  <p>Stephen J. Duall Chief, Satellite Policy Branch</p>			

<sup>1</sup> Condition 8 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-20150802-00053.* The Troll and Punta Arenas earth stations are not included in the list of Condition 8. 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 8.

2. Contact	
<b>Name:</b> Tony Lin	<b>Phone Number:</b> 202-637-5795
<b>Company:</b> Hogan Lovells US LLP	<b>Fax Number:</b>
<b>Street:</b> 555 Thirteenth Street,NW	<b>E-Mail:</b> tony.lin@hoganlovells.com
<b>City:</b> Washington	<b>State:</b> DC
<b>Country:</b> USA	<b>Zipcode:</b> 20004 -
<b>Attention:</b>	<b>Relationship:</b> 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?	
<input checked="" type="radio"/> If Yes, complete and attach FCC Form 159. If No, indicate reason for fee exemption (see 47 C.F.R.Section 1.1114). <input type="radio"/> Governmental Entity <input type="radio"/> Noncommercial educational licensee <input type="radio"/> Other(please explain):	
4b. Fee Classification CXW – Space Station (Non-Geostationary)	
5. Type Request	
<input type="radio"/> Change Station Location <input checked="" type="radio"/> Extend Expiration Date <input type="radio"/> Other	
6. Temporary Orbit Location	7. Requested Extended Expiration Date 2018-01-12 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-20170608-00084, 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-20170608-00084, 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.