



File # SAT-STA-20211022-00132

Call Sign S2912 Grant Date Nov. 4, 2021

(or other identifier)

Approved by OMB
3060-0678

Term Dates

From Oct. 29, 2021 To: period of 30 days

Approved: Merissa L. Velez

Merissa L. Velez
Chief, Satellite Policy Branch

Date & Time Filed: Oct 22 2021 3:01:47:510PM

File Number: SAT-STA-20211022-00132

Callsign:

*with conditions

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:

Extend UHF STA

1. Applicant

Name:	Planet Labs Inc.	Phone Number:	415-829-3313
DBA Name:		Fax Number:	
Street:	645 Harrison Street	E-Mail:	mike@planet.com
	Fourth Floor		
City:	San Francisco	State:	CA
Country:	USA	Zipcode:	94107 -
Attention:	Mike Safyan		

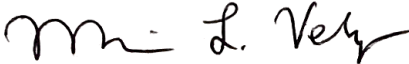
ATTACHMENT TO GRANT
Planet Labs Inc.
IBFS File No. SAT-STA-20211022-00132

IBFS File No(s):	SAT-STA-20211022-00132	<p>GRANTED – With Conditions</p>  <p>International Bureau Satellite Division</p>
Licensee/Grantee:	Planet Labs Inc. (Planet)	
Call Sign:	S2912	
Satellite Name:	Flock constellation	
Orbital Location: (required station-keeping tolerance)	NGSO at altitudes between 350 km and 720 km	
Administration:	United States of America	
Nature of Service:	Space Operations	
Scope of Grant:	Special temporary authority for an additional period of 30 days to allow the satellites in the Planet Flock constellation to operate within the 449.75-450.25 MHz frequency band ¹ using an additional channel with a center frequency of 450.1 MHz and a bandwidth of 0.06 MHz (Earth-to-space), and to operate within the 401-402 MHz frequency band ² using an additional channel with a center frequency of 401.4 MHz and a bandwidth of 0.06 MHz (space-to-Earth).	
Service Area(s):	Global. See Schedule S Tech Report at Item S6 (SAT-MOD-20150802-00053)	
Frequencies:	See Scope of Grant	
<p>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 the Federal Communications Commission’s rules not waived herein.</p> <ol style="list-style-type: none"> 1. Planet shall tune Flock satellite TT&C UHF links to an agreed frequency range with NOAA as soon as possible to minimize interference to NOAA GOES Data Collection System (DCS), and radiosonde operations and continue to work closely with NOAA to identify and implement any further measures needed to avoid RFI to the systems mentioned earlier. This initial tuning would be an interim frequency range for Planet Labs to use for upcoming launches. For future mission planning, transition out of 401-406 MHz to avoid interference to DCS and radiosondes is recommended. Planet Labs and NOAA shall work jointly to explore future mitigation strategies to avoid interference to NOAA missions. 2. Planet must continue to comply with the grant conditions set forth in the prior authorizations for the Flock constellation. 3. Planet shall have no expectations that requests to extend this grant of special temporary as it relates to operations in the 401-402 MHz frequency band will be approved for any date after December 31, 2021. 		
<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 CFR § 0.261, and is effective upon release.</p>		

¹ See *Satellite Policy Branch, Action Taken*, DA 18-749, Report No. SAT- 01332 (July 20, 2018) (IBFS File No. SAT-MOD-20170713-00103).

² *Id.*

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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:	November 4, 2021	
Term Dates	From: October 29, 2021	To: period of 30 days
Approved:  Merissa L. Velez Chief, Satellite Policy Branch		

2. Contact	
Name: Planet Labs Inc.	Phone Number: 415-829-3313
Company:	Fax Number:
Street: 645 Harrison Street Fourth Floor	E-Mail: mike@planet.com
City: San Francisco	State: CA
Country: USA	Zipcode: 94107 -
Attention:	Relationship: Same
(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 SATSTA2021091400121 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 n/a	7. Requested Extended Expiration Date 2021-11-28 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. respectfully requests a 30-day extension to continue operating additional UHF channels for its Flock satellites (S2912).

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
Nathan Johnson

11. Title of Person Signing
Corporate Counsel

12. Please supply any need attachments.

Attachment 1: Exhibit A-Narrative

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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