

E181611

SES-STA-20190327-00405

IB2019000856

Maris Developments

Approved by OMB
3060-0678

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:
2nd 60-day STA Extension

1. Applicant

Name:	Maris Developments	Phone Number:	800-927-9800
DBA Name:		Fax Number:	
Street:	251 Little Falls Dr.	E-Mail:	
City:	Wilmington	State:	DE
Country:	USA	Zipcode:	19808
Attention:			



File # SES-STA-20190327-00405

Call Sign E81611 Grant Date 4-3-19
(or other identifier)

Term Dates
From: 4-3-19 To: 5-3-19

Approved: Paul E. [Signature]

2. Contact			
Name:	B. Mathews	Phone Number:	800-927-9800
Company:	Maris Developments	Fax Number:	
Street:	251 Little Falls Dr	E-Mail:	maris.developments@outlook.com
City:	Wilmington	State:	DE
Country:	USA	Zipcode:	19808 -
Attention:		Relationship:	
(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 SESSTA2018120703385 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 CGX – Fixed Satellite Transmit/Receive Earth Station			
5. Type Request			
☒ Use Prior to Grant ☐ Change Station Location ☒ Other			
6. Requested Use Prior Date			

7. CityBoardman	8. Latitude (dd mm ss.s h) 45 51 16.6 N
9. State OR	10. Longitude (dd mm ss.s h) 119 37 55.1 W
11. Please supply any need attachments. Attachment 1: Narrative Attachment 2: Attachment 3:	
12. 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.) Please see narrative attachment.	
13. 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.	
14. Name of Person Signing B. Mathews	15. Title of Person Signing Engineer
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).	

FCC NOTICE REQUIRED BY THE PAPERWORK REDUCTION ACT

The public reporting for this collection of information is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the required data, and completing and reviewing the collection of information. If you have any comments on this burden estimate, or how we can improve the collection and reduce the burden it causes you, please write to the Federal Communications Commission, AMD-PERM, Paperwork Reduction Project (3060-0678), Washington, DC 20554. We will also accept your comments regarding the Paperwork Reduction Act aspects of this collection via the Internet if you send them to PRA@fcc.gov. PLEASE DO NOT SEND COMPLETED FORMS TO THIS ADDRESS.

Remember – You are not required to respond to a collection of information sponsored by the Federal government, and the government may not conduct or sponsor this collection, unless it displays a currently valid OMB control number or if we fail to provide you with this notice. This collection has been assigned an OMB control number of 3060-0678.

THE FOREGOING NOTICE IS REQUIRED BY THE PAPERWORK REDUCTION ACT OF 1995, PUBLIC LAW 104-13, OCTOBER 1, 1995, 44 U.S.C. SECTION 3507.

Applicant: Maris Developments
File No.: SES-STA-20190327-00405
Call Sign: E181611
Special Temporary Authority



File # SES-STA-20190327-00405
E181611
Call Sign E181611 Grant Date 4-3-19
(or other identifier)
Term Dates
From: 4-3-19 To: 5-3-19
Approved: [Signature] [Signature]

Maris Developments is granted a special temporary authority for 30 days, beginning April 03, 2019 to operate an earth station located in Boardman, Oregon for communications with DigitalGlobe Constellations of Non-Geostationary Orbit ("NGSO") Earth Exploration Satellite Service ("EESS") satellites in the 402.0 – 403.0 MHz, 432.0 – 438.0 , 449.75 – 451.25 MHz and 2025 - 2110 MHz frequency bands (Earth-to-space) and 401.0 – 403.0 MHz and 8025 - 8400 MHz bands (space-to-Earth) and under the following conditions:

1. All operations under this grant of special temporary authority shall be on an unprotected and non-harmful interference basis. Maris Developments shall not cause harmful interference to, and shall not claim protection from interference caused to it by, any other lawfully operating radio communication system.
2. In the event of any harmful interference under this grant of special temporary authority, Maris Developments must cease operations immediately upon notification of such interference, and must inform the Commission, in writing, immediately of such an event.
3. Operations in the 449.75-451.25 MHz frequency band shall be limited to the 450.185-450.215 MHz band in accordance with the pre-coordination agreement between NASA and DigitalGlobe.
4. Operations in the 2025-2110 MHz frequency band shall be limited to the 2085.0275 – 2086.3475 MHz and 2091.94 – 2093.26 MHz frequency bands.
5. Operation in the 2085.0275-2086.3475 MHz band shall not occur when the NASA International Space Station (ISS) (NORAD designation 25544 or international spacecraft ID 1998-067A) is within the horizon to horizon view of the Boardman, OR facility. Maris Developments will take full responsibility for accounting for the ISS orbital position to avoid transmitting while it is within view.
6. Existing satellites intending to downlink data to this ground station shall be properly authorized by modification of license prior to downlink operations.
7. Any action taken or expense incurred as a result of operations pursuant to this special temporary authority is solely at Maris Developments' risk.
8. Grant of this authorization is without prejudice to any determination that the Commission may make regarding pending or future Maris Developments applications.
9. Maris Developments operations to the date of this grant were authorized pursuant to Section 1.62 of Commission's rules 47 C.F.R.

This action is issued pursuant to Section 0.261 of the Commission's rules on delegated authority, 47 C.F.R. §0.261, and is effective immediately.

Maris Development
Request for 60-day Special Temporary Authority

Narrative Explanation

On December 13, 2018, the Commission granted Maris special temporary authority (STA) for 30 days to operate its fixed earth station in Boardman, Ohio (Call Sign E181611) authorizing use prior to grant of a pending earth station license. *See* SES-STA-20181207-03385 (the "STA Grant"). Maris provided technical information for the operation of the earth station as part of the license application for the earth station, SES-LIC-20180827-02512. On January 29, 2019, and pursuant to Section 1.62 of the Commission's rules, Maris timely filed a 60-day renewal request. *See* SES-STA-20190129-00010

Out of an abundance of caution, and again pursuant to Section 1.62 of the Commission's rules, Maris hereby files another 60-day renewal request to operate under the terms and conditions of the STA Grant.