

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:
30-day STA to add Planet, BlackSky

1. Applicant

Name:	Haras Development	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-20190228-00221
E181423 Grant Date 5-2-19
Call Sign (or other identifier)
From: 5-2-19 To: 7-2-19
Approved: [Signature]

2. Contact			
Name:	B. Mathews	Phone Number:	800-927-9800
Company:	Haras Development	Fax Number:	
Street:	251 Little Falls Dr	E-Mail:	haras.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 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			
03/05/2019			

7. City	Dublin	8. Latitude (dd mm ss.s h)	40 6 15.4 N
9. State	OH	10. Longitude (dd mm ss.s h)	83 11 58.4 W
11. Please supply any need attachments.		Attachment 2:	
Attachment 1: Narrative		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.)			
While its underlying license application remains pending, Haras files this request for 30-day STA to add points of communication in addition to DigitalGlobe			
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. ☒ Yes ☐ No			
14. Name of Person Signing		15. Title of Person Signing	
B. Mathews		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).			

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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: Haras Developments
File No.: SES-STA-20190228-00221
Call Sign: E181423
Special Temporary Authority



File # SES-STA-20190228-00221
Call Sign E181423 Grant Date 5-24-19
(or other identifier)
Term Dates
From: 5-25-19 To: 7-24-19
Approved: Paul E. Haras

Haras Developments is granted a special temporary authority for 60 days, beginning May 25, 2019 to operate a fixed earth station located in Dublin, OH 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 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. Haras 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, Haras 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. Haras Developments **may not operate** in the 8025 - 8400 MHz band due to interference with GOES operations in the area.
5. Haras Developments **must** provide a primary and alternate Stop Buzzer POC prior to operations to Mr. James Gibson, james.e.gibson1@navy.mil.
6. All operators of satellites will be provided with an emergency phone number where the licensee can be reached in the event that harmful interference occurs, Currently the 24x7 contact information for the DigitalGlobe Constellations satellite is Ph.: (303) -356-3894 (Primary: Jeff Carr); 1-618-401-9921 (Alt. Andrew Mathews).
7. Spacecraft transmitting in the space-to-Earth direction to the Haras Developments ground station in Dublin, OH shall obtain the appropriate FCC license for these spacecraft emissions prior to commencing operation.
8. Any action taken or expense incurred as a result of operations pursuant to this special temporary authority is solely at Haras Development's risk.
9. Grant of this authorization is without prejudice to any determination that the Commission may make regarding pending or future Haras applications.
10. Haras 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.

Haras Development
Request for 30-day Special Temporary Authority

Narrative Explanation

On December 6, 2018, the Commission granted Haras special temporary authority (STA) for 60 days to operate its fixed earth station in Dublin, Ohio (Call Sign E181423) to communicate with the DigitalGlobe constellation of NGSO EESS satellites. *See* SES-STA-20180827-02508. On January 29, 2019, Haras timely filed for a 60-day extension of the STA. *See* SES-STA-20190129-00048.

Haras provided technical information for the operation of the earth station as part of the license application for the earth station, SES-LIC-20180816-02287. On December 29, 2018, Haras amended its license application to add the BlackSky Global-1, -2, -3, and -4 satellites (Call Sign S3032) as points of communication in addition to the DigitalGlobe constellation. SES-AMD-20181219-03513. The FCC put the license and amendment applications on Public Notice on February 20, 2019. Concurrently and consistent with the amendment application, Haras filed for 60-day STA to add the BlackSky satellites as a point of communication. *See* SES-STA-20181219-03512. That STA application also remains pending.

While the underlying license application remains pending, Haras files this request for 30-day STA to add points of communication in addition to DigitalGlobe: BlackSky (Call Sign S3032), the Planet Labs Dove satellites (Call Sign S2912), and the Planet Labs SkySat satellites (Call Sign S2862). To be clear, this is the only change to the underlying application sought by this STA. Haras seeks STA to begin communicating with these constellations in three business days, on March 5, 2019.

Swift grant of this STA application serves the public interest and will allow Haras to facilitate commercial operations with additional space station partners in a timely manner.