

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 second set of electrically-identical, co-located antennas in Dublin OH

1. Applicant

Name:	Haras Development	Phone Number:	800-927-9800
DBA Name:		Fax Number:	
Street:	251 Little Falls Dr.	E-Mail:	haras.development@outlook.com

City:	Wilmington	State:	DE
Country:	USA	Zipcode:	19808
Attention:	A. Miller		-

"With conditions"
30 days
File #SES-STA-20190923-01187
Call Sign E181423 Grant Date 09/25/2019
(or other identifier)
Term Dates
From: 09/26/2019 To: 10/26/2019
Approved: Haras



2. Contact			
Name:	A. Miller	Phone Number:	618-401-9921
Company:	Haras Development	Fax Number:	
Street:	251 Little Falls Dr.	E-Mail:	haras.development@outlook.com
City:	Wilmington	State:	DE
Country:	USA	Zipcode:	19808 -
Attention:		Relationship:	Engineer
(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 SESLIC2018081602287 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 CGX – Fixed Satellite Transmit/Receive Earth Station			
5. Type Request			
<input type="radio"/> Use Prior to Grant <input checked="" type="radio"/> Change Station Location <input type="radio"/> Other			
6. Requested Use Prior Date			

7. City/Dublin	8. Latitude (dd mm ss.s h) 0 0 0.0 N
9. State OH	10. Longitude (dd mm ss.s h) 0 0 0.0 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.) Applicant requests 30 day STA to add a second set of electrically-identical co-located antennas. Please see attached narrative.	
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 A. Miller	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).

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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-20190923-01187
Call Sign: EI81423
Special Temporary Authority



File # SES-STA-20190923-01187

Call Sign EI81423 Grant Date 09/25/2019
(or other identifier)

Term Dates
From: 09/26/2019 To: 10/26/2019

Approved:

Haras Developments is granted a special temporary authority for 30 days, beginning September 26, 2019 to utilize a 5.4-meter X/S-band Antenna-X10 Pedestal; and M2 FG450CP14 UHF antenna co-mounted to operate a fixed earth station located in Dublin, OH for communications with Blacksky (S3032) and DigitalGlobe Constellations of Non-Geostationary Orbit ("NGSO") (Earth Exploration Satellite Service ("EESS")) satellites (S2129) in the 450.2 MHz (Earth-to-space); and 401-402 MHz & 8212.5 MHz frequency (space-to-Earth) 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 Digital Globe.
4. Haras Developments **must** provide a primary and alternate Stop Buzzer POC prior to operations to Mr. James Gibson, james.e.gibson1@navy.mil.
5. 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).
6. 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.
7. Any action taken or expense incurred as a result of operations pursuant to this special temporary authority is solely at Haras Development's risk.
8. Grant of this authorization is without prejudice to any determination that the Commission may make regarding pending or future Haras applications.

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

Haras Development

Request for 30-day Special Temporary Authority

Narrative Explanation

On September 11, 2019, Haras Development (“Haras”) was granted authority to operate a fixed earth station located at 6665 Crosby Court, Dublin, Ohio (Call sign E181423) utilizing the 402.0-403.0 MHz and 450.2 MHz uplink and 401.0-403.0 MHz and 8212.5 MHz downlink frequencies (the “Dublin Grant”).¹ The initial Dublin Grant incorporated both the original point of contact, the DigitalGlobe non-geostationary orbit (“NGSO”) earth exploration satellite service (“EESS”) satellites (call sign S2129), as well as an amended point of contact, the BlackSky Global NGSO-EESS satellites (call sign S3032).²

However, to ensure the satisfaction of current customer demands, as well as the seamless onboarding of future customers, Haras hereby requests a 30-day special temporary authorization (“STA”) to begin communicating with the DigitalGlobe and BlackSky constellations utilizing a second set of electrically identical antennas. Specifically, the proposed additional antennas will be another set of 5.4m Viasat and UHF M2 Antenna Systems antennas and will be co-located with the antennas currently authorized under the Dublin Grant.³ The proposed additional antennas will also utilize the same frequencies, technical parameters, and points of contact as the existing earth station. All technical information for the operation of the earth station has been provided as part of the original and amended license applications.⁴

The additional antennas will not cause harmful interference to Federal and non-Federal earth stations operating in accordance with the U.S. Table of Frequency Allocations and will accept any interference caused by those allocated services.

Haras seeks STA to authorize the additional Dublin earth station antennas to begin communicating with the DigitalGlobe and BlackSky satellites on September 26, 2019. Swift grant of this STA serves the public interest and will allow Haras to facilitate commercial operations with existing and prospective space station partners in a timely manner.

¹ See SES-LIC-20180816-02287, SES-AMD-20181219-03513 (granted Sep. 11, 2019) (the “Dublin Grant”).

² See *id.*

³ See *id.*; see also 47 C.F.R. § 25.130(g)(1).

⁴ See Dublin Grant.