

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:
extension of 60−day STA for E950499 (5.13.2019)

I. Applicant

Name:	DG Consents Sub, Inc.	Phone Number:	303-682-1390
DBA Name:		Fax Number:	303-684-1390
Street:	1300 W. 120th Avenue	E-Mail:	libby.smith@digitalglobe.com
City:	Westminster	State:	CO
Country:	USA	Zipcode:	80234
Attention:	Ms Libby Smith		

60 days "With conditions"
File # SES-STA-20190508-00579
Call Sign E950499 Grant Date 05/10/2019
(or other identifier)
Term Dates
From: 05/14/2019 To: 07/13/2019
Approved: [Signature]



2. Contact	
Name: Henry Gola	Phone Number: 2027197561
Company: Wiley Rein LLP	Fax Number:
Street: 1776 K Street NW	E-Mail: hgola@wileyrein.com
City: Washington	State: DC
Country: USA	Zipcode: 20006 -
Attention:	Relationship: 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 SESMOD2018110503445 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 checked="" type="radio"/> Use Prior to Grant <input type="radio"/> Change Station Location <input checked="" type="radio"/> Other	
6. Requested Use Prior Date	
7. City/Fairbanks	
8. Latitude (dd mm ss.s h) 64 53 26.0 N	

9. State AK	10. Longitude (dd mm ss.s h) 147 31 44.0 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.) See narrative attachment. Licensee requests STA extension for 60 days while MOD to add an antenna to earth station E9540499 is pending.	
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"; party to the application; for these purposes. Yes <input checked="" type="radio"/> No <input type="radio"/>	
14. Name of Person Signing Libby J. Smith	15. Title of Person Signing Technology Control Officer
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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60 days

"with conditions"



File # SES-STA-20190508-00579

Call Sign E950499 Grant Date 05/10/2019
(or other identifier)

Term Dates
From: 05/14/2019 To: 07/13/2019

Approved: [Signature]

Applicant: DG Consents Sub, Inc.
 File No.: SES-STA-20190508-00579
 Call Sign: E950499
 Special Temporary Authority

DG Consents Sub, Inc. ("DigitalGlobe") is granted a special temporary authority for 60 days, beginning May 14, 2019, to add ViaSat 5.4m V8X-Y antenna to operate fixed earth station located in Fairbanks, Alaska for communications with DigitalGlobe Constellations of Non-Geostationary Orbit ("NGSO") Earth Exploration Satellite Service ("EESS") satellites (S2129 and S2348) in the 2042, 2052, 2085.6875, 2092.6 and 2094.896 MHz frequencies (Earth-to-space) for Telemetry Tracking & Command ("TT&C") and 8025-8400 MHz frequency band(s) (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. DigitalGlobe 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, DigitalGlobe must cease operations immediately upon notification of such interference, and must inform the Commission, in writing, immediately of such an event.
3. 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) -591-3247. Ask for Brian Mathews.
4. Any action taken or expense incurred as a result of operations pursuant to this special temporary authority is solely at DigitalGlobe's risk.
5. Grant of this authorization is without prejudice to any determination that the Commission may make regarding pending or future DigitalGlobe applications.

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.

**Before the
FEDERAL COMMUNICATIONS COMMISSION
Washington, D.C. 20554**

In the Matter of)	
)	
DG Consents Sub, Inc.)	File No. SES-STA-2019_____
)	
Application for Special Temporary)	
Authority (Call Sign E950499))	
)	

**APPLICATION OF DG CONSENTS SUB, INC.
FOR SPECIAL TEMPORARY AUTHORITY**

On September 6, 2018, the Commission granted DG Consents Sub, Inc. (“DigitalGlobe”) special temporary authority (“STA”) for 60 days, until November 5, 2018, to add a new antenna to fixed earth station license E950499 in Fairbanks, Alaska.¹ DigitalGlobe filed an application to extend the STA for 60 days on October 30, 2018.² On November 5, 2018, DigitalGlobe filed a modification application for permanent authority for the new antenna with complete technical specifications.³ This modification application was put on Public Notice on March 27, 2019, but remains pending.⁴ Out of an abundance of caution, DigitalGlobe filed several applications to extend its STA.⁵ On March 15, 2019, the Commission granted DigitalGlobe’s STA extension

¹ See IBFS File No. SES-STA-20180723-01964 (granted Sept. 6, 2018).

² 47 C.F.R. § 25.120(b)(3). Per Rule 1.62, DigitalGlobe will continue to operate the earth station under the terms and conditions of its existing STA pending action on this timely filed renewal request. See 47 C.F.R. § 1.62. See also SES-STA-20181030-03226.

³ Because DigitalGlobe has filed an application for regular authority, see SES-MOD-20181105-03445, the FCC may grant this STA without public notice. 47 C.F.R. § 25.120(b)(3).

⁴ See FCC Public Notice, Satellite Communications Services re: Satellite Radio Applications Accepted for Filing, Report No. SES-02147 (Mar. 27, 2019); see also IBFS File No. SES-MOD-20181105-03445.

⁵ See IBFS File Nos. SES-STA-20181221-03521; SES-STA-20190304-00222 (both dismissed by delegated authority, when the underlying STA was granted, see IBFS File No. SES-STA-20181030-03226).

request for sixty days, set to expire on May 13, 2019.⁶ As the underlying modification application remains pending, by this application and with a continuing abundance of caution, DigitalGlobe again files for an STA extension for 60 days from the expiration of the last request, to July 12, 2019. In the interim, grant of the STA extension will serve the public interest by allowing DigitalGlobe to continue to upgrade its communications infrastructure to better serve its earth exploration satellite service customers.

Specifically, DigitalGlobe requests STA to operate a ViaSat 5.4m V8X-Y antenna in a radome. The antenna will be co-located with its currently-authorized Datron 7.3m 8300 antenna. The ViaSat antenna will utilize the same power levels, S-band transmit frequencies (i.e., 2042 MHz, 2052 MHz, 2085.6875 MHz 2092.6 MHz, and 2094.896 MHz) for TT&C, and X-band receive frequencies (i.e., 8025-8400 MHz) as the Datron antenna, and it will communicate with the same space stations as currently authorized under E950499. The ViaSat antenna will also be controlled via remote control from 1601 Dry Creek Drive, Suite 26, Longmont, Colorado, 80503. Per Rule 17.7, DigitalGlobe certifies that the new ViaSat antenna does not require FAA antenna structure notification.⁷

DigitalGlobe understands that all operations pursuant to a grant of STA will be on a non-interference basis. As the new antenna will utilize the same frequencies as its currently operating antenna, DigitalGlobe does not anticipate that operation of the new antenna will cause any harmful interference or adversely affect any other authorized users. In the unlikely event

⁶ See FCC Public Notice, *Satellite Communications Services Information re: Actions Taken*, Report No. SES-02146 (Mar. 20, 2019); *See also* IBFS File No. SES-STA-20181030-03226.

⁷ See 47 C.F.R. § 17.7.

harmful interference does occur, DigitalGlobe will take all steps necessary to eliminate such interference. The point of contact for technical questions or interference concerns is:

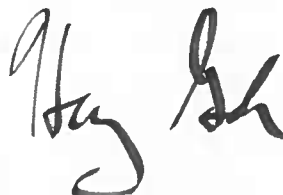
Tony Mumm, Manager of Remote Ground Stations, 303-684-4792.

DigitalGlobe further understands that any grant of STA will be without prejudice to action on the already filed modification application to add this antenna.

Grant of this STA request will allow DigitalGlobe to continue to upgrade its ground-based communications network. Operation of the new antenna at the Fairbanks, Alaska site will enhance the provision of service to earth exploration satellite service customers and thereby promotes the public interest.

For the reasons set forth above, DigitalGlobe respectfully requests that the Commission grant this STA.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Henry Gola". The signature is written in a cursive, flowing style.

Henry Gola
Wiley Rein LLP
1776 K St NW
Washington, DC 20006
Counsel for DG Consents Sub, Inc.

May 8, 2019