

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:  
60 Day STA for E950499 (7.9.2019)

1. Applicant

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

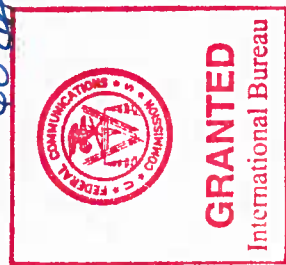
60 days "with conditions"

File # SES-STA-20190709-00889

Call Sign E950499 Grant Date 07/17/2019  
(or other identifier)

Term Dates  
From: 07/16/2019 To: 09/14/2019

Approved: Paul E. Hlubek



**2. Contact**

**Name:** Henry Gola      **Phone Number:** 2027197561  
**Company:** Wiley Rein LLP      **Fax Number:**  
**Street:** 1776 K St. 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?

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. 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.) <div style="border: 1px solid black; padding: 5px;">See narrative attachment. Licensee requests STA extension for 60 days while MOD to add an antenna to earth station E9540499 is pending.</div>	
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 <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"



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From: 07/16/2019 To: 09/14/2019

Approved: Paul E. Haeb

Applicant: DG Consents Sub, Inc.  
 File No.: SES-STA-20190709-00889  
 Call Sign: E950499  
 Special Temporary Authority

DG Consents Sub, Inc. ("DigitalGlobe") is granted a special temporary authority for 60 days, beginning July 16, 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.
6. Digital Globe's operations as of July 14<sup>th</sup>, 2019 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.

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

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

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

On May 10, 2019, the Commission granted the latest in a series of requests by DG Consents Sub, Inc. (“DigitalGlobe”) for special temporary authority (“STA”) for 60 days to continue operations through the addition of a new antenna to fixed earth station license E950499 in Fairbanks, Alaska. This STA grant expires July 13, 2019.<sup>1</sup> On November 5, 2018, DigitalGlobe filed a modification application for permanent authority for the new antenna with complete technical specifications.<sup>2</sup> The FCC put the modification application on Public Notice March 27, 2019, but it remains pending.<sup>3</sup> Therefore, by this application and per FCC Rule 1.62,<sup>4</sup> DigitalGlobe seeks to extend its STA for another 60 days, until September 11, 2019. While the modification remains pending, grant of the instant STA request will serve the public interest by

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<sup>1</sup> See FCC Public Notice, Satellite Communications Services Information re: Actions Taken, Report No. SES-02161 (May 15, 2019); *See also* IBFS File No. SES-STA-20190508-00579.

<sup>2</sup> 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).

<sup>3</sup> 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.

<sup>4</sup> 47 C.F.R. § 1.62.

allowing DigitalGlobe to continue to upgrade its communications infrastructure to better serve its earth exploration satellite service customers.

Specifically, DigitalGlobe requests STA to continue 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.<sup>5</sup>

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 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

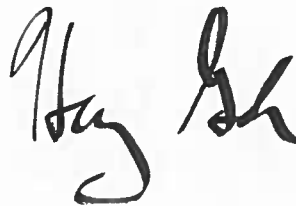
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<sup>5</sup> See 47 C.F.R. § 17.7.

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 style with a large initial "H" and a stylized "G".

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

July 9, 2019