

**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 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.<sup>1</sup> DigitalGlobe filed an application to extend the STA for 60 days on October 30, 2018.<sup>2</sup> On November 5, 2018, DigitalGlobe filed a modification application for permanent authority for the new antenna with complete technical specifications.<sup>3</sup> Out of an abundance of caution, DigitalGlobe filed an application to extend the STA for another 60 days from the expiration of the first request through March 5, 2019.<sup>4</sup> 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 May 4, 2019. In the interim, grant of the STA extension will serve the public interest by allowing DigitalGlobe to continue to

---

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

<sup>2</sup> 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.

<sup>3</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>4</sup> See SES-STA-20181221-03521.

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. As shown in Exhibit 1, 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

---

<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, sweeping initial "H".

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

March 4, 2019