

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

In the Matter of)	
)	
DG Consents Sub, Inc.)	File No. SES-MOD-2018 _____
)	
Application for Modification of)	
Authorization (Call Sign E950499))	

**APPLICATION OF DG CONSENTS SUB, INC.
FOR MODIFICATION OF AUTHORIZATION**

DG Consents Sub, Inc. (“DigitalGlobe”), per FCC Rule 25.117, hereby seeks to modify its authorization for its earth station in Fairbanks, Alaska (call sign E950499) to add a ViaSat 5.4m V8X-Y antenna (the “New Antenna”).¹ The New Antenna will operate within the limits currently authorized for the E950499 antennas. DigitalGlobe currently operates the New Antenna under a grant of special temporary authority (“STA”).² Grant of the modification (the “MOD”) will serve the public interest and allow DigitalGlobe to upgrade permanently its communications infrastructure to better serve its earth exploration satellite service customers.

Specifically, DigitalGlobe requests permanent modification of its E950499 earth station authorization to operate a ViaSat 5.4m V8X-Y antenna in a radome. As shown in Exhibit 1, the New Antenna will be co-located with its currently-authorized Datron 7.3m 8300 antenna. The New 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

¹ 47 C.F.R. § 25.117.

² See IBFS File No. SES-STA-20180723-01964 (granted Sept. 6, 2018, expiring Nov. 5, 2018); SES-STA-INTR2018-09695 (filed Oct. 30, 2018) (seeking extension of the STA for 60 days and continued operation under FCC Rule 1.62)

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 New 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 Antenna does not require FAA antenna structure notification.³

It is axiomatic that upgrading operational capabilities serves the public interest. DigitalGlobe has installed the New Antenna at the Fairbanks, Alaska site and is ready to continue successful operations under permanent authority. Operation of the New Antenna will enhance service to DigitalGlobe's earth exploration satellite service customers. Moreover, grant of this MOD also poses no risk of harmful interference to other authorized users, as the coordination report from Comsearch confirms.

Accordingly, for the reasons set forth above, DigitalGlobe respectfully requests that the Commission grant this modification application.

Respectfully submitted,

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

Henry Gola
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November 5, 2018

³ See 47 C.F.R. § 17.7.

