

DG Consents Sub, Inc.
 Application for STA
 January 2015
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Description of Request for Special Temporary Authority

DG Consents Sub, Inc. (“DG Consents”) has filed an application for authority to modify its earth station authorization located in Rock Springs, Wyoming (Call Sign E120040) to, among other things, add GeoEye-1 as a new Point of Communication (the “Modification Application”).¹ See FCC File No. SES-MOD-20140717-00604, as amended by FCC File No. SES-AMD-20140725-00620. The Modification Application was accepted for filing on August 6, 2014, and remains pending before the Commission. See Public Notice, Report No. SES-01670 (rel. Aug. 6, 2014).²

DigitalGlobe has an imminent need to communicate with GeoEye-1 from the Wyoming earth station beginning on January 31, 2015 using the following subset of frequencies requested in the Modification Application:

Frequency Bands (MHz)	Antenna Polarization	Emission Designator	Tx/Rx Mode	Max EIRP/Carrier (dBW)	Max ERP Density/Carrier (dBW/4kHz)	Modulation/Services
2092.6000 2092.6000	R	1M32G1D	T	61.0	49.0	BPSK(TT&C)
2092.6000 2092.6000	R	NON	T	61.0	61.0	UNMODULATED CARRIER
8394.0000 8394.0000	R	59K7G1D	R	--	--	QPSK, Telemetry
8025.0000 8400.0000	L,R	375MG7D	R	--	--	QPSK, Data

The operations to be conducted using these frequencies will permit DigitalGlobe to perform essential testing and integration of services associated with its Direct Access

¹ DG Consents is a wholly owned subsidiary of DigitalGlobe, Inc. (“DigitalGlobe”). GeoEye-1 is one of the satellites comprising DigitalGlobe’s fleet of Earth Exploration Satellite Service (“EESS”) space stations. The Wyoming earth station modification application also requests authority to add DigitalGlobe’s Quickbird-1, GeoEye-2, IKONOS and WorldView-3 space stations as new Points of Communication, and to change the earth station’s remote control location from its current site in Pennsylvania to a new site in Longmont, Colorado.

² DigitalGlobe is currently operating the Wyoming earth station under special temporary authority to permit limited communications with WorldView-3. See FCC File No. SES-STA-20141219-00917.

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Program, which provides priority access to DigitalGlobe's EESS fleet to select defense, intelligence and commercial customers. Such operations must be conducted during the first quarter of this year to meet specific customer requirements. In addition, because the infrastructure that supports the Direct Access Program is specialized, only the Wyoming earth station is available to DigitalGlobe to conduct the necessary testing and integration.

DigitalGlobe has been advised by International Bureau staff that the Modification Application requesting authority to add GeoEye-1 as a Point of Communication is not expected to be acted upon by the Commission prior to the January 31 start date for the Direct Access Program tests. Accordingly, DG Consents requests special temporary authority ("STA") to allow its Wyoming earth station to communicate with GeoEye-1 for 60 days, beginning January 31, 2015 using the frequencies listed above.

The instant STA request is strictly limited to communications between the Wyoming earth station and GeoEye-1 using the above-listed frequencies, and does not involve any other aspect of DG Consents' Modification Application. In addition, the STA request involves: (i) no change to the emissions that are currently authorized under the Wyoming earth station's existing license, and (ii) frequencies that have already been subject to and cleared through the frequency coordination process required as part of the Modification Application. *See* FCC File No. SES-MOD-20140717-00604, Attachment C, Frequency Coordination and Interference Analysis Report, dated July 15, 2014. In the unlikely event of harmful interference resulting from STA operations, DigitalGlobe will cease any communications between the Wyoming earth station and GeoEye-1 that are the cause of such interference.

Grant of this STA request will serve the public interest by allowing DigitalGlobe to begin immediate testing and integration of its Direct Access Program using the only earth station available for such operations. In summary, and on the basis of the information provided herein and in FCC File Nos. SES-MOD-20140717-00604 and SES-AMD-20140725-00620, DG Consents requests special temporary authority to communicate between its Wyoming earth station and GeoEye-1 for a period of 60 days commencing on January 31, 2015.