

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:
STA Request for Wyoming Earth Station (Jan 2015)

1. Applicant

Name:	DG Consents Sub, Inc.	Phone Number:	703-480-6338
DBA Name:		Fax Number:	703-480-8174
Street:	2325 Dulles Corner Boulevard Suite 1000	E-Mail:	demitrius.anthony@digitalglobe.com
City:	Herdon	State:	VA
Country:	USA	Zipcode:	20171
Attention:	Mr Demitrius M Anthony		

"With Conditions"



File # SES-STA-20150120-00014

Call Sign E/20840 Grant Date 01/30/2015
(or other identifier)

Term Dates
From 01/31/2015 To: 09/01/2015


Approved: Paul E. Black

Applicant: DG Consents Sub, Inc.
File No.: SES-STA-20150120-00014
Call Sign: E120040

DG Consents Sub, Inc. is granted special temporary authority, with conditions, to operate its Rock Springs, WY, fixed earth station (call sign E120040) with the GeoEye-1 (S2348) NGSO satellite from January 31, 2015 to April 1, 2015. The conditions of the grant are:

1. DG Consents Sub, Inc. shall limit non-modulated emissions (NON) to 61 dBW/carrier/4kHz and modulated emissions to 1M32GID, 49.0 dBW/carrier/4kHz on the center frequency 2092.6000 MHz
2. DG Consents Sub, Inc. must monitor the International Space Station (ISS) ground track via <http://spaceflight.nasa.gov/realdata/tracking/> and may not operate the uplink when the Rock Springs site is within the ISS visibility footprint (i.e. the red circle). Specific times/dates are available at <http://spotthestation.nasa.gov/sightings/index.cfm> by selecting Rock Springs, WY, USA as the location.
3. DG Consents Sub, Inc. must provide a stop buzzer POC for the Rock Springs site to NASA at steven.f.schindler@nasa.gov.
4. All operations shall be on an unprotected, non-interference basis to government operations. In the event of any harmful interference, cease operations immediately and inform the Commission, in writing, immediately.
5. Grant of this authorization is without prejudice to any determination that the Commission may make regarding any DG Consents Sub, Inc. applications.
6. Any action taken or expense incurred as a result of operations pursuant to this special temporary authority is solely at DG Consents Sub, Inc.'s risk.
7. 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.

"With conditions"



GRANTED
International Bureau

File # SES-STA-20150120-00014

Call Sign E120040 Grant Date 01/30/2015
(or other identifier)

Term Dates
From 01/31/2015 To 04/01/2015

Approved: Paul E. Blair

2. Contact

Name: Philip A Bonomo **Phone Number:** 202-416-6773
Company: Lerman Senter PLLC **Fax Number:** 202-293-7783
Street: 2000 K Street, NW **E-Mail:** pbonomo@lermansenter.com
 Suite 600
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 SESAMD2014072500620 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
01/31/2015

7. CityRock Springs 8. Latitude
(dd mm ss.s h) 41 32 12.0 N

9. State WY	10. Longitude (dd mm ss.s h) 109 21 11.0 W
11. Please supply any need attachments. Attachment 1: Attachment A 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.) Request for special temporary authority to allow communications between applicant's Rock Springs, Wyoming earth station (call sign E120040) and GeoEye-1 space station. See Attachment A	
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 Yancey L. Spruill	15. Title of Person Signing Treasurer
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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THE FOREGOING NOTICE IS REQUIRED BY THE PAPERWORK REDUCTION ACT OF 1995, PUBLIC LAW 104-13, OCTOBER 1, 1995, 44 U.S.C. SECTION 3507.

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 ERIP 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.

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.