



UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION
RADIO STATION AUTHORIZATION

Name: DG Consents Sub, Inc. Call Sign: E950499
 Authorization Type: Modification of License File Number: SES-MOD-20070824-01119
 Non Common Carrier Grant date: 12/10/2007 Expiration Date: 01/26/2021

Nature of Service: Earth Exploration Satellite Service

Class of Station: Fixed Earth Stations

A) Site Location(s)

#	Site ID	Address	Latitude	Longitude	Elevation (Meters)	NAD	Special Provisions (Refer to Section H)
1)	1	3 MILE, CHENA HOT SPRINGS ROAD FAIRBANKS, NORTH STAR, AK 99712	64°53'26.0"N	147°31'44.0"W	215	83	

Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209

Subject to the provisions of the Communications Act of 1934, The Communications Satellite Act of 1962, subsequent acts and treaties, and all present and future regulations made by this Commission, and further subject to the conditions and requirements set forth in this license, the grantee is authorized to construct, use and operate the radio facilities described below for radio communications for the term beginning January 26, 2006 (3 AM Eastern Standard Time) and ending January 26, 2021 (3 AM Eastern Standard Time). The required date of completion of construction and commencement of operation is December 10, 2008 (3 AM Eastern Standard Time). Grantee must file with the Commission a certification upon completion of construction and commencement of operation.

B) Particulars of Operations

The General Provision 1010 applies to all receiving frequency bands.
 The General Provision 1900 applies to all transmitting frequency bands.
 For the text of these provisions, refer to Section H.



#	Frequency (MHz)	Polarization Code	Emission Code	Tx/Rx Mode	Max EIRP /Carrier (dBW)	Max EIRP Density /Carrier (dBW/4kHz)	Associated Antenna	Special Provisions (Refer to Section H)	Modulation/ Services
1)	8380.0000-8380.0000	L	5M80G7D	Rx	0.00	0.00	1		DIGITAL/TELEMETRY
2)	8030.0000-8030.0000	R	4M00G7D	Rx	0.00	0.00	1	3848	Telemetry
3)	8025.0000-8400.0000	L,R	375MG7D	Rx	0.00	0.00	1		DIGITAL/DATA/DOWNLINK
4)	8025.0000-8345.0000	R	320MG7D	Rx	0.00	0.00	1	1579 3848	DATA
5)	2094.8960-2094.8960	R	1M32G1D	Tx	51.00	39.00	1		DIGITAL/TT&C
6)	2094.8960-2094.8960	R	250KFXD	Tx	48.00	30.00	1	3450 3848 3850	TT&C
7)	2085.6875-2085.6875	R	1M32G1D	Tx	51.00	39.00	1		DIGITAL/TT&C
8)	2085.6875-2085.6875	R	250KFXD	Tx	48.00	30.00	1	3450 3848 3850	TT&C



UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION
RADIO STATION AUTHORIZATION

Name: DG Consents Sub, Inc.

Call Sign: E950499

Authorization Type: Modification of License

File Number: SES-MOD-20070824-01119

Non Common Carrier

Grant date: 12/10/2007

Expiration Date: 01/26/2021

C) Frequency Coordination Limits

#	Frequency Limits (MHz)	Satellite Arc (Deg. Long.)		Elevation (Degrees)		Azimuth (Degrees)		Max EIRP Density toward Horizon (dBW/4kHz)	Associated Antenna(s)
		East Limit	West Limit	East Limit	West Limit	East Limit	West Limit		
1)	2085.6875-2085.6875	NGSO		05.0-05.0		000.0-360.0		21	1
2)	2094.8960-2094.8960	NGSO		05.0-05.0		000.0-360.0		21	1
3)	8025.0000-8400.0000	NGSO		00.0-00.0		000.0-360.0			1
4)	8380.0000-8380.0000	NGSO		00.0-00.0		000.0-360.0			1
5)	8030.0000-8030.0000	NGSO		05.0-05.0		000.0-360.0			1
6)	2085.6875-2085.6875	NGSO		05.0-05.0		000.0-360.0		8.5	1
7)	2094.8960-2094.8960	NGSO		05.0-05.0		000.0-360.0		8.5	1

D) Points of Communications

The following stations located in the Satellite orbits consistent with Sections B and C of this Entry:

- 1) 1 to QUITCKIRD-1 satellite (s) @ 98 W.L. degrees of the Remote-Sensing Satellite System (U.S.-licensed)
- 2) 1 to Worldview-1 satellite NGSO S2129 (U.S.-licensed)
- 3) 1 to Worldview-2 satellite NGSO S2129 (U.S.-licensed)

E) Antenna Facilities

Site ID	Antenna ID	Units	Diameter (meters)	Manufacturer	Model number	Site Elevation (Meters)	Max Antenna Height (Meters)	Special Provisions (Refer to Section H)
1	1	1	7.3	DATRON/TRANSCO	8300	215	6 AGL/ 221 AMSL	
		Max Gains (s):		51.5 dBi @ 8.0000 GHz		40.3 dBi @ 2.0250 GHz		
		Maximum total input power at antenna flange (Watts) =		11.00				
		Maximum aggregate output EIRP for all carriers (dBW) =		51.00				

F) Remote Control Point:

1 1601 DRY CREEK DRIVE, SUITE 260 Call Sign: E950499
LONGMONT, BOULDER, CO 80503
303-684-4587

G) Antenna Structure marking and lighting requirements:

None unless otherwise specified under Special and General Provisions



UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION
RADIO STATION AUTHORIZATION

Name: DG Consents Sub, Inc.

Call Sign: E950499

Authorization Type: Modification of License

File Number: SES-MOD-20070824-01119

Non Common Carrier

Grant date: 12/10/2007

Expiration Date: 01/26/2021

H) Special and General Provisions

A) This RADIO STATION AUTHORIZATION is granted subject to the following special provisions and general conditions:

481 --- In the 8025-8400 MHz band, all receive-only operations having elevation angles below 5 degrees are on an unprotected basis.

1010 --- Applicable to all receiving frequency bands. Emission designator indicates the maximum bandwidth of received signal at associated station(s). Maximum EIRP and maximum EIRP density are not applicable to receive operations.

1579 --- The facilities authorized herein shall be used in accordance with the Rules and Regulations promulgated in the FCC Rules and Regulations, in particular Part 1, Part 17, and Part 25. The facilities authorized herein shall be operated in accordance with US DEPT. OF COMMERCE, (NTIA), (a) Memorandum (attachment), dated 19/18/95, William Gamble, NTIA to William Torak, FCC; and (b) Letter (attachment), dated 9/12/95, Nelson Pollack, (USAF IRAC); Bruce Swearingen (Navy IRAC); Frank Holderness (Army IRAC); Edwin E. Dinkle (IRAC), US Dept.of Commerce. The facilities authorized herein shall be operated in accordance with FCC Order & Authorization, EARTHWATCH INCORPORATED DA-1707, File No. 21.22-DSS-P-93, 43-DSS-LA-94 (2), & 52-SAT-AMEND-95, Adopted 8/1/95, released 8/1/95, copy attached hereto Radio Station Authorization, E950499, 1658-DSE-PL-95

1900 --- Applicable to all transmitting frequency bands. Authority is granted to transmit any number of RF carriers with the specified parameters on any discrete frequencies within associated band in accordance with the other terms and conditions of this authorization, subject to any additional limitations that may be required to avoid unacceptable levels of inter-satellite interference.

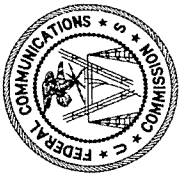
2300 --- Authority is granted to operate this station by remote control provided that: (1)The parameters of the transmissions of this station monitored at the remote control point, and the operational functions sufficient to insure that the operations of this station are in full compliance with the station authorization at all times; (2) upon detection by the grantee, or upon notification from the Commission, of a deviation of the operation of this station shall be immediately suspended until the deviation is corrected, except the transmissions concerning the immediate safety of life or property may be conducted for the duration of such emergency; and (3) the grantee shall have available, at all times, the technical personnel necessary to perform the technical servicing and maintenance of this station expeditiously. See also Public Notice "The International Bureau Provides Guidance Concerning the Relocation of Earth Station Remote Control Points", DA 06-978 (rel. May 4, 2006).

2916 --- Transmitter(s) must be turned off during antenna maintenance to ensure compliance with the FCC-specified safety guidelines for human exposure to radiofrequency radiation in the region between the antenna feed and the reflector. Appropriate measures must also be taken to restrict access to other regions in which the earth station's power flux density levels exceed the specified guidelines.

3219 --- All existing transmitting facilities, operations and devices regulated by the Commission must be in compliance with the Commission's radiofrequency (RF) exposure guidelines, pursuant to Section 1.1307(b)(1) through (b)(3) of the Commission's rules, or if not in compliance, file an Environmental Assessment (EA) as specified in Section 1.1311. See 47 CFR 1.1307 (b) (5).

3450 --- The use of the authorized frequency band has been approved by the Society of Broadcast Engineers (SBE) in the relevant state.

3848 --- The authorized frequency band(s) has (have) been cleared with the National Telecommunications and Information Administration.



UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION
RADIO STATION AUTHORIZATION

Name: DG Consents Sub, Inc.

Call Sign: E950499

Authorization Type: Modification of License

File Number: SES-MOD-20070824-01119

Non Common Carrier

Grant date: 12/10/2007

Expiration Date: 01/26/2021

H) Special and General Provisions

A) This RADIO STATION AUTHORIZATION is granted subject to the following special provisions and general conditions:

3850 --- As a secondary user of the frequency band, licensee shall not cause harmful interference to primary services in the frequency band and it can not claim protection from harmful interference from primary services in the frequency band.

5011 --- The Licensee(s) shall maintain on file with the Commission a current list or plan of the precise frequencies in use at the station, specifying for each frequency the RF center frequency, polarization, emission designator, nominal EIRP (in dBW) and maximum EIRP density (in dBW/4kHz). This list or plan may be submitted either on a station-by-station basis or on a system-wide basis and shall be updated within seven (7) days of any changes in frequency usage at this station. The Licensee(s) need not notify the Commission of temporary usage of frequencies for periods of less than seven (7) days. However, the Licensee(s) shall maintain accurate station records of the times and particulars of such temporary frequency usage.

5012 --- The authority granted here is limited to the operation of the facilities described above and does not include any authority to install and operate channelizing equipment or any other authority under Section 214 of the Communications Act of 1934, as amended, to establish channels of communications.

5017 --- Operation of this station is governed by the terms, conditions and limitations in Part 25 of the Commission's Rules and Regulations and the following additional conditions: 1. This license shall not vest in the Licensee(s) any right to operate the station or any right in the use of the frequencies designated in the license beyond its term or in any other manner than authorized in the license; 2. Neither the license nor the right granted under it shall be assigned or otherwise transferred in violation of the Commissions or otherwise transferred in violation of the Communications Act of 1934, as amended, or the Commission's Rules and Regulations issued under it; and 3. This station is subject to the right of use or control conferred by Section 706 of the Communications Act of 1934, as amended.

5018 --- This license shall be forfeited automatically if this station is not ready for operation within the time specified unless, prior to the expiration date of this license, the Commission receives an Application for Additional Time to Construct a Radio Station (FCC Form 701) filed by the Licensee(s) showing good cause why the Licensee(s) could not complete construction on time.

5216 --- All operations shall be on a non-common carrier basis.

5723 --- All communications shall be in accordance with the satellites and services which have completed any necessary technical consultations under Article XIV (d) of the INTELSAT Agreement and which the Commission has approved.



UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION
RADIO STATION AUTHORIZATION

Name: DG Consents Sub, Inc.

Call Sign: E950499

Authorization Type: Modification of License

File Number: SES-MOD-20070824-01119

Non Common Carrier

Grant date: 12/10/2007

Expiration Date: 01/26/2021

B) This RADIO STATION AUTHORIZATION is granted subject to the additional conditions specified below:

This authorization is issued on the grantee's representation that the statements contained in the application are true and that the undertakings described will be carried out in good faith.

This authorization shall not be construed in any manner as a finding by the Commission on the question of marking or lighting of the antenna system should future conditions require. The grantee expressly agrees to install such marking or lighting as the Commission may require under the provisions of Section 303(q) of the Communications Act. 47 U.S.C. § 303(q).

Neither this authorization nor the right granted by this authorization shall be assigned or otherwise transferred to any person, firm, company or corporation without the written consent of the Commission. This authorization is subject to the right of use or control by the government of the United States conferred by Section 706 of the Communications Act. 47 U.S.C. § 706. Operation of this station is governed by Part 25 of the Commission's Rules. 47 C.F.R. Part 25.

This authorization shall not vest in the licensee any right to operate this station nor any right in the use of the designated frequencies beyond the term of this license, nor in any other manner than authorized herein.

This authorization is issued on the grantee's representation that the station is in compliance with environmental requirements set forth in Section 1.1307 of the Commission's Rules. 47 C.F.R. § 1.1307.

This authorization is issued on the grantee's representation that the station is in compliance with the Federal Aviation Administration (FAA) requirements as set forth in Section 17.4 of the Commission's Rules. 47 C.F.R. § 17.4.

The following condition applies when this authorization permits construction of or modifies the construction permit of a radio station.

This authorization shall be automatically forfeited if the station does not meet each required construction deadline by the required date of completion unless, before such date(s), a specific application is timely filed to request an extension of the construction deadline(s), supported with good cause why that failure to construct by the required date was due to factors not under control of the grantee.

Licensees are required to pay annual regulatory fees related to this authorization. The requirement to collect annual regulatory fees from regulatees is contained in Public Law 103-66, "The Omnibus Budget Reconciliation Act of 1993." These regulatory fees, which are likely to change each fiscal year, are used to offset costs associated with the Commission's enforcement, public service, international and policy and rulemaking activities. The Commission issues a Report and Order each year, setting the new regulatory fee rates. Receive only earth stations are exempt from payment of regulatory fees.

