

S2348 SAT-STA-20190717-00062 IB2019002717
DG Consents Sub, Inc.
WorldView-4



File # SAT-STA-20190717-00062

Call Sign S2348 Grant Date 07/25/19

(or other identifier)

From 07/24/19 Term Dates period of 30 days To:

Approved: *Stephen J. Duall*

Stephen J. Duall
Chief, Satellite Policy Branch

Approved by OMB
3060-0678

Date & Time Filed: Jul 17 2019 10:14:29:176AM
File Number: SAT-STA-20190717-00062
Callsign:

*with conditions

FEDERAL COMMUNICATIONS COMMISSION
APPLICATION FOR SPACE STATION SPECIAL TEMPORARY AUTHORITY

FOR OFFICIAL USE ONLY


APPLICANT INFORMATION

Enter a description of this application to identify it on the main menu:
Request for 30-day STA Extension to Relocate WV-4 (S2348)

1. Applicant

Name:	DG Consents Sub. Inc.	Phone Number:	303-682-1390
DBA Name:		Fax Number:	303-684-1390
Street:	1300 W. 120th Avenue	E-Mail:	libby.smith@digitalglobe.com
City:	Westminster	State:	CO
Country:	USA	Zipcode:	80234
Attention:	Ms Libby Smith		

**ATTACHMENT TO GRANT
 DG Consents Sub, Inc.
 IBFS File No. SAT-STA-20190717-00062**

IBFS File No(s):	SAT-STA-20190717-00062	<p>GRANTED – With Conditions</p>  <p>International Bureau Satellite Division</p>
Licensee/Grantee:	DG Consents Sub, Inc.	
Call Sign:	S2348	
Satellite Name:	WorldView-4	
Orbital Location: (required station- keeping tolerance)	Non-geostationary orbit (NGSO) (see Scope of Grant below)	
Administration:	United States of America	
Nature of Service:	Earth Exploration Satellite Service (EESS); Telemetry, tracking, and command (TT&C)	
Scope of Grant:	Special temporary authority for a period of 30 days to continue to conduct TT&C and EESS operations with the WorldView-4 space station (formerly known as GeoEye-2) at an altitude between 450 kilometers and 550 kilometers.	
Service Area(s):	Global See IBFS File Nos. SAT-MOD-20160408-00033, SAT-MOD-20160408-00033, Exhibit 43 at 4; SAT-MOD-20120427-00079, Technical Annex at TA-15.	
Frequencies:	8025-8400 MHz (data downlinks) Telemetry and Tracking: 120 kHz channel centered on 8386 MHz Receive command: 64 kHz channel centered in 2052 MHz.	

Operations under this grant must comport with the legal and technical specifications set forth by the applicant or petitioner and with Federal Communication Commission’s rules not waived herein. This grant is also subject to the following conditions:


1. The power flux-density from operation of the WorldView-4 space station in the 8025-8400 MHz band must not exceed the limits in No. 22.5 or Table 21-4 of the International Telecommunication Union’s Radio Regulations or the limits in ITU-R Recommendation SA-1157.
2. Upon receipt of a conjunction warning from the JSpOC or other source, DG Consents must review the warning and take all possible steps to assess and, if necessary, to mitigate collision risk, including, but not limited to: contacting the operator of any active spacecraft involved in such warning; sharing ephemeris data and other appropriate operational information with any such operator; modifying spacecraft attitude and/or operations.
3. Because DG Consents must comply with the technical requirements in Part 2 of the Commission’s rules and the above-referenced power flux-density limits, which should prevent harmful interference to other operators in the band, we grant its request for a waiver of the default service rules in 47 CFR § 25.217(b). See *DigitalGlobe, Inc., supra* at para. 15.
4. Transmissions of remote-sensing and telemetry data in the 8025-8400 MHz frequency band may only be made to earth stations coordinated with the National Aeronautics and Space Administration (NASA). DG Consents shall provide the FCC the list of coordinated earth stations.
5. Operations pursuant to this authorization must not cause harmful interference to stations operating in the 2025-2110 MHz band in accordance with the U.S. Table of Frequency Allocations. See 47 CFR § 2.106, Footnote US347.
6. Nothing in this authorization extends the license term for WorldView-4 (Call Sign S2348), which expires on Sept. 5, 2023. See IBFS File No. SAT-MOD-20050511-00097.

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Licensee/grantee is afforded thirty (30) days from the date of release of this action to decline the grant as conditioned. Failure to respond within this period will constitute formal acceptance of the grant as conditioned.

This action is taken pursuant to Section 0.261 of the Commission's rules on delegated authority, 47 CFR § 0.261, and is effective upon release.

Station licenses are subject to the conditions specified in Section 309(h) of the Communications Act of 1934, as amended, 47 U.S.C. § 309(h).

Action Date:	July 25, 2019	
Term Dates	From: July 24, 2019	To: period of 30 days
Approved:	 Stephen J. Duall Chief, Satellite Policy Branch	

2. Contact

Name:	Henry R. Gola	Phone Number:	202−719−7561
Company:	Wiley Rein LLP	Fax Number:	
Street:	1776 K Street NW	E-Mail:	hgola@wileyrein.com
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 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 CXW – Space Station (Non-Geostationary)

5. Type Request

- Change Station Location Extend Expiration Date Other

6. Temporary Orbit Location

7. Requested Extended Expiration Date

8. 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.)

DG Consents Sub, Inc. requests special temporary authority for an additional 30 days, beginning July 24, 2019, to relocate and operate WorldView#8722;4 (S2348) at orbital altitudes between 450 and 550 km. Pursuant to Section 1.62 of the FCC's rules, DigitalGlobe will continue to operate under the terms and conditions of its existing STA

9. 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 No

10. Name of Person Signing
Libby Smith

11. Title of Person Signing
Senior Manager and Technology Control Officer

12. Please supply any need attachments.

Attachment 1: Narrative Attachment

Attachment 2:

Attachment 3:

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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8. Description

DG Consents Sub, Inc. requests special temporary authority for an additional 30 days, beginning July 24, 2019, to relocate and operate WorldView#8722;4 (S2348) at orbital altitudes between 450 and 550 km. Pursuant to Section 1.62 of the FCC's rules, DigitalGlobe will continue to operate under the terms and conditions of its existing STA pending action on this timely filed renewal request.

Narrative Attachment

DG Consents Sub, Inc. (“DigitalGlobe”) requests an additional 30 days, beginning July 24, 2019, of special temporary authority (“STA”) previously granted for DigitalGlobe to relocate and operate WorldView-4, authorized under Call Sign S2348, at orbital altitudes between 450 and 550 km.¹ Pursuant to Section 1.62 of the Commission’s rules, DigitalGlobe will continue to operate under the terms and conditions of its existing STA pending action on this timely filed renewal request.²

Grant of this STA extension request will serve the public interest by allowing DigitalGlobe to complete relocation of WorldView-4 to 450-550 km and, upon arrival, use the satellite for training purposes. It will also ensure complete de-orbit of the satellite in the unlikely event that WorldView-4 were to experience further anomalies.

¹ See *DG Consents Sub, Inc.*, Stamp Grant, IBFS File No. SAT-STA-20190503-00035, Call Sign S2348 (granted May 22, 2019); *DG Consents Sub, Inc.*, Stamp Grant, IBFS File No. SAT-STA-20190612-00046, Call Sign S2348 (granted July 10, 2019).

² 47 C.F.R. § 1.62.