

S2750 SAT-STA-20150625-00039 IB2015001195
Intelsat License LLC
Intelsat 16



File # SAT-STA-20150625-00039

Call Sign S2750 Grant Date 07/16/15
(or other identifier)

Term Dates period of
From 07/16/15 To: 30 days

Approved: Stephen J. Duall

Stephen J. Duall
Chief, Satellite Policy Branch

Approved by OMB
3060-0678

Date & Time Filed: Jun 25 2015 5:01:13:703PM
File Number: SAT-STA-20150625-00039
Callsign:

FEDERAL COMMUNICATIONS COMMISSION
APPLICATION FOR SPACE STATION SPECIAL TEMPORARY AUTHORITY

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APPLICANT INFORMATION

Enter a description of this application to identify it on the main menu:

Request for 30-Day STA to Drift and Operate Intelsat 16 at 76.2 W.L., Call Sign S2750

I. Applicant

Name:	Intelsat License LLC	Phone Number:	703-559-7848
DBA Name:		Fax Number:	703-559-8539
Street:	c/o Intelsat Corporation 7900 Tysons One Place	E-Mail:	susan.crandall@intelsat.com
City:	McLean	State:	VA
Country:	USA	Zipcode:	22102 -5972
Attention:	Susan H. Crandall		

Intelsat License LLC
IBFS File No. SAT-STA-20150625-00039
Call Sign S2750

The application of Intelsat License LLC (Intelsat) for special temporary authority, IBFS File No. SAT-STA-20150625-00039, is GRANTED. Intelsat is authorized for a period of 30 days, commencing July 16, 2015, to conduct Telemetry, Tracking, and Command (TT&C) operations with the Intelsat 16 space station (Call Sign S2750) necessary to drift the space station from the 79.0° W.L. orbital location to the 76.2° W.L. orbital location, and to maintain the space station upon its arrival at 76.2° W.L., using the following center frequencies: 14.4995 GHz and 13.9975 GHz (Earth-to-space); 12.19825 GHz and 12.19875 GHz (space-to-Earth). Intelsat is also authorized, on a temporary basis, to provide Fixed-Satellite Service (FSS) via Intelsat 16 at the 76.2° W.L. orbital location in the 11.7–12.2 GHz (space-to-Earth) and 14.0–14.5 GHz (Earth-to-space) frequency bands. Operations under this authorization must be in accordance with the terms and conditions contained in Intelsat's application and the Federal Communications Commission's rules and are subject to the following conditions:

1. All operations under this grant of special temporary authority must be on an unprotected and non-harmful interference basis, *i.e.*, Intelsat must not cause harmful interference to, and must not claim protection from interference caused to it by, any other lawfully operating radiocommunication system.
2. In the event of any harmful interference as a result of the operations under this grant of special temporary authority, Intelsat must cease operations immediately upon notification of such interference and must immediately inform the Commission, in writing, of such an event.
3. Intelsat must coordinate the operations of Intelsat 16 with existing geostationary space stations to ensure that no unacceptable interference results from its operations during drift to the 76.2° W.L. orbital location.
4. Intelsat must operate only the TT&C frequencies on Intelsat 16 during the space station's drift from the 79° W.L. orbital location to the 76.2° W.L. orbital location.
5. Intelsat shall notify the Chief, Satellite Division, in writing, of the date that the Intelsat 16 space station departs the 79.0° W.L. orbital location within three business days of the departure date.
6. In connection with the provision of service in any particular country, Intelsat is obliged to comply with the applicable laws, regulations, rules, and licensing procedures of that country.
7. Intelsat must operate Intelsat 16 at the 76.2° W.L. orbital location in compliance with all existing or future coordination agreements for this location.
8. While at the 76.2° W.L. orbital location, Intelsat must maintain the Intelsat 16 space station with an east/west longitudinal station-keeping tolerance of +/- 0.05 degrees.
9. Any action taken or expense incurred as a result of operations pursuant to this grant of special temporary authority is at Intelsat's own risk.
10. 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

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Approved: Stephen J. Duall

Stephen J. Duall
Chief, Satellite Policy Branch

2. Contact	
Name: Susan H. Crandall	Phone Number: 703-559-7848
Company: Intelsat Corporation	Fax Number: 703-559-8538
Street: 7900 Tysons One Place	E-Mail: susan.crandall@intelsat.com
City: McLean	State: VA
Country: USA	Zipcode: 22102 -5972
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?	
<input checked="" type="radio"/> If Yes, complete and attach FCC Form 159. If No, indicate reason for fee exemption (see 47 C.F.R. Section 1.1114). <input type="radio"/> Governmental Entity <input type="radio"/> Noncommercial educational licensee <input type="radio"/> Other (please explain):	
4b. Fee Classification CRY – Space Station (Geostationary)	
5. Type Request	
<input checked="" type="radio"/> Change Station Location <input type="radio"/> Extend Expiration Date <input type="radio"/> Other	
6. Temporary Orbit Location 76.2 W.L.	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.)

Intelsat License LLC herein requests grant of Special Temporary Authority for 30 days, commencing upon grant, to drift Intelsat 16 (S2750) to, and operate at, 76.2 W.L. in the TT&C frequencies 13997.5 MHz, 14499.5 MHz, 12198.25 MHz, and 12198.75 MHz, as well as the communications frequencies 14000-14500 MHz and 11700-12200 MHz.

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
Susan H. Crandall

11. Title of Person Signing
Associate Gen. Counsel, Intelsat Corporation

12. Please supply any need attachments.

Attachment 1: STA Request

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).

FCC NOTICE REQUIRED BY THE PAPERWORK REDUCTION ACT

The public reporting for this collection of information is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the required data, and completing and reviewing the collection of information. If you have any comments on this burden estimate, or how we can improve the collection and reduce the burden it causes you, please write to the Federal Communications Commission, AMD-PERM, Paperwork Reduction Project (3060-0678), Washington, DC 20554. We will also accept your comments regarding the Paperwork Reduction Act aspects of this collection via the Internet if you send them to PRA@fcc.gov. PLEASE DO NOT SEND COMPLETED FORMS TO THIS ADDRESS.

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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.

June 25, 2015

Ms. Marlene H. Dortch
Secretary
Federal Communications Commission
445 12th Street, S.W.
Washington, D.C. 20554

Re: Request for Special Temporary Authority to Drift and Operate Intelsat 16 at 76.2° W.L.; Call Sign: S2750

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests grant of Special Temporary Authority (“STA”)¹ for 30 days, commencing upon grant, to drift Intelsat 16 (S2750) to, and operate at, 76.2° W.L. in the TT&C frequencies 13997.5 MHz, 14499.5 MHz, 12198.25 MHz, and 12198.75 MHz, as well as the communications frequencies 14000 – 14500 MHz and 11700 – 12200 MHz.² Intelsat seeks this STA in order to meet the temporary demands of its customers – SKY Mexico and SKY Brazil.

Intelsat 16 is currently licensed to operate at 79.0° W.L.³ Intelsat is concurrently filing a 180-day STA request to operate Intelsat 16 at 76.2° W.L.

Intelsat expects that the drift of Intelsat 16 to 76.2° W.L. will take approximately one week. The drift will be coordinated with all operators of co-frequency satellites in the drift path. In the unlikely event that harmful interference occurs, Intelsat will take all necessary steps to eliminate the interference.

Intelsat will operate Intelsat 16 at 76.2° W.L. on a non-interference/non-protected basis. As the Commission is aware, DIRECTV Enterprises, LLC (“DIRECTV”) currently holds the license to operate in Ku-band at 76.0° W.L. (“DIRECTV KU-76W License”).⁴ DIRECTV fully supports this request to allow Intelsat 16 temporarily to operate at 76.2° W.L.

¹ Intelsat has filed this STA request, an FCC Form 159, and a \$930.00 filing fee electronically via the International Bureau's Filing System.

² Although Intelsat 16 also includes the bands 12750 – 13250 MHz, 10700 – 11450 MHz, and 13750 – 14000 MHz, Intelsat is not seeking authority to operate in these bands in this request except for the 13997.5 MHz frequency used for uplink TT&C, noted above.

³ See *Policy Branch Information; Actions Taken*, Report No. SAT-01078, File No. SAT-MOD-20150105-00003 (Apr. 17, 2015) (Public Notice).

⁴ See *Policy Branch Information; Actions Taken*, Report No. SAT-00943, File No. SAT-LOA-20121101-00190 (Apr. 19, 2013) (Public Notice).

Ms. Marlene H. Dortch
June 25, 2015
Page 2

Intelsat has assessed and limited the probability of the space station becoming a source of debris as a result of collisions with large debris or other operational space stations. Intelsat 16 will not be located at the same orbital location as another satellite or at an orbital location that has an overlapping station-keeping volume with another satellite.

Further, with the exception of the DIRECTV KU-76W License, Intelsat is not aware of any other FCC licensed system, or any other system applied for and under consideration by the FCC, having an overlapping station-keeping volume with Intelsat 16 at 76.2° W.L. Finally, Intelsat is not aware of any system that has an overlapping station-keeping volume with Intelsat 16 at 76.2° W.L. that is the subject of an ITU filing and that is either in orbit or progressing towards launch.

The temporary operation of Intelsat 16 at 76.2° W.L. will help satisfy customer demand at that location. Accordingly, grant of this STA request is in the public interest.

For the reasons set forth herein, Intelsat respectfully requests that the Commission expeditiously grant this request.

Sincerely,



Susan H. Crandall
Associate General Counsel
Intelsat Corporation

Cc: Stephen Duall
Jay Whaley
Cindy Spiers