

S2750 SAT-STA-20150925-00067 IB2015001759
Intelsat License LLC
IS16



File # SAT-STA-2015 0925-00067

Call Sign S2750 Grant Date 11/25/15
(or other identifier)

Term Dates period of
From 11/25/15 To: 180 days

Approved by OMB
3060-0678

Approved: Stephen J. Duall
Stephen J. Duall
Chief, Satellite Policy Branch

*with conditions

Date & Time Filed: Sep 25 2015 2:40:11:473PM
File Number: SAT-STA-20150925-00067
Callsign:

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 180-Day STA to Operate Intelsat 16 at 58.1 W.L., Call Sign S2750


1. 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-20150925-00067
Call Sign S2750

The application of Intelsat License LLC (Intelsat) for special temporary authority, IBFS File No. SAT-STA-20150925-00067, is GRANTED. Intelsat is authorized, for a period of 180 days, commencing November 25, 2015, to conduct Telemetry, Tracking, and Command (TT&C) operations necessary to maintain the Intelsat 16 space station (Call Sign S2750) at the 58.1° W.L. orbital location 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 58.1° W.L. in the 10.7-11.45 GHz, 11.7-12.2 GHz, 12.75-13.25 GHz (space-to-Earth), and 13.75-14.0 GHz 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 at the 58.1° W.L. orbital location.
4. Intelsat must maintain full operational control of the Intelsat 16 space station at all times.
5. 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.
6. Intelsat must operate Intelsat 16 at the 58.1° W.L. orbital location in compliance with all existing or future coordination agreements for this location.
7. While at the 58.1° W.L. orbital location, Intelsat must maintain the Intelsat 16 space station with an east/west longitudinal station-keeping tolerance of +/- 0.05 degrees.
8. The FSS operations of Intelsat 16 and associated earth stations must comport with the parameters of the Appendix 30B satellite network USASAT 26G filed with the ITU for operation in the 10.7-10.95 GHz, 11.2-11.45 GHz (space-to-Earth), and 12.75-13.25 GHz (Earth-to-space) frequency bands and any additional conditions resulting from the coordination of this network.
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.

 GRANTED* International Bureau *with conditions	File # <u>SAT-STA-20150925-00067</u>
	Call Sign <u>S2750</u> Grant Date <u>11/25/15</u> (or other identifier)
	Term Dates <u>period of</u> From <u>11/25/15</u> To: <u>180 days</u>
	Approved: <u>Stephen J. Duall</u> 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 58.1 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 180 days, commencing upon grant, to operate Intelsat 16 (S2750) at 58.1 W.L. Specifically, Intelsat seeks STA to operate the Intelsat 16 satellite in the TT&C frequencies 12198.25 MHz, 12198.75 MHz, 13997.5 MHz, and 14499.5 MHz, as well as the communications frequencies

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).

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8. Description

Intelsat License LLC herein requests grant of Special Temporary Authority for 180 days, commencing upon grant, to operate Intelsat 16 (S2750) at 58.1 W.L. Specifically, Intelsat seeks STA to operate the Intelsat 16 satellite in the TT&C frequencies 12198.25 MHz, 12198.75 MHz, 13997.5 MHz, and 14499.5 MHz, as well as the communications frequencies 10700 - 11450 MHz, 11700 - 12200 MHz, 12750 - 13250 MHz, 13750 - 14000 MHz, and 14000 - 14500 MHz.

September 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 Operate Intelsat 16 at 58.1° W.L.; Call Sign: S2750

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests grant of Special Temporary Authority (“STA”)¹ for 180 days—commencing upon grant—to operate Intelsat 16 (S2750) at 58.1° W.L. Specifically, Intelsat seeks STA to operate the Intelsat 16 satellite in the TT&C frequencies 12198.25 MHz, 12198.75 MHz, 13997.5 MHz, and 14499.5 MHz, as well as the communications frequencies 10700 – 11450 MHz, 11700 – 12200 MHz, 12750 – 13250 MHz, 13750 – 14000 MHz, and 14000 – 14500 MHz. Intelsat seeks this STA in order to meet the demands of its customers—SKY Mexico and SKY Brazil.

Intelsat 16 is licensed permanently to operate at 79.0° W.L.,² although the satellite currently is operating temporarily at 76.2° W.L.³ Intelsat is concurrently filing a 30-day STA to drift Intelsat 16 from 76.2° W.L. 58.1° W.L., and to operate the satellite at 58.1° W.L.

Once on-station at 58.1° W.L., and until permanently authorized, Intelsat will operate Intelsat 16 on a non-interference/non-protected basis, nominally co-located with Intelsat 21 at 58.0° W.L. Intelsat expects to file a permanent license modification application at a later date.

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, 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 58.1° W.L. Finally, Intelsat is not aware of any system that has an overlapping station-keeping volume with

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

³ See *Policy Branch Information; Actions Taken*, Report No. SAT-01103, File No. SAT-STA-20150625-00038 (Aug. 21, 2015) (Public Notice).

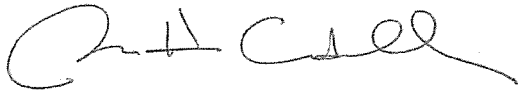
Ms. Marlene H. Dortch
September 25, 2015
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Intelsat 16 at 58.1° W.L. that is the subject of an ITU filing and that is either in orbit or progressing towards launch.

The operation of Intelsat 16 at 58.1° W.L. will help satisfy customer demand at that location. Accordingly, grant of this STA extension request is in the public interest.

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

Sincerely,

A handwritten signature in black ink, appearing to read "Susan H. Crandall". The signature is fluid and cursive, with a large initial "S" and "C".

Susan H. Crandall
Associate General Counsel
Intelsat Corporation

Cc: Stephen Duall
Jay Whaley
Cindy Spiers