

S2750 SAT-STA-20150807-00055 IB2015001477
Intelsat License LLC
Intelsat 16



File # SAT-STA-20150807-00055

Call Sign S2750 Grant Date 08/13/15
(or other identifier)

Term Dates period of
From 08/15/15 To: 30 days

Approved by OMB
3060-0678

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

*with conditions

Date & Time Filed: Aug 7 2015 3:09:45:486PM
File Number: SAT-STA-20150807-00055
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 Extension of 30-Day STA to Drift and Operate Intelsat 16 at 76.2 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-20150807-00055
Call Sign S2750

The application of Intelsat License LLC (Intelsat) for special temporary authority, IBFS File No. SAT-STA-20150807-00055, is GRANTED. Intelsat is authorized for a period of 30 days, commencing August 15, 2015, to continue to conduct Telemetry, Tracking, and Command (TT&C) operations with the Intelsat 16 space station (Call Sign S2750) necessary to maintain the space station at the 76.2° 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 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.

 GRANTED* International Bureau *with conditions	File # <u>SAT-STA-2015 0807-00055</u>
	Call Sign <u>S2750</u> Grant Date <u>08/13/15</u> (or other identifier)
	Term Dates period of From <u>08/15/15</u> To: <u>30 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 SATSTA2015062500038 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 CRY - Space Station (Geostationary)

5. Type Request

- Change Station Location Extend Expiration Date Other

6. Temporary Orbit Location
76.2 W.L.

7. Requested Extended Expiration Date
2015-09-13 00:00:00.0

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 an additional 30 days, from August 15, 2015 through September 13, 2015, of the Special Temporary Authority previously granted Intelsat 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

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 an additional 30 days, from August 15, 2015 through September 13, 2015, of the Special Temporary Authority previously granted Intelsat 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

August 7, 2015

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

Re: Request for Extension of 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 an additional 30 days—from August 15, 2015 through September 13, 2015—of the Special Temporary Authority (“STA”)¹ previously granted Intelsat 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 extension in order to meet the temporary demands of its customers—SKY Mexico and SKY Brazil. Intelsat has a pending 180-day STA request to operate Intelsat 16 at 76.2° W.L.³

Intelsat 16 arrived on-station at 76.2° W.L. on August 2, 2015. Intelsat will continue to 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.

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

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-01096, File No. SAT-STA-20150625-00039 (July 17, 2015) (Public Notice). 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; Satellite Space Applications Accepted for Filing*, Report No. SAT-01095, File No. SAT-STA-20150625-00038 (July 17, 2015) (Public Notice). Intelsat 16 is currently licensed to operate at 79.0° W.L. 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
August 7, 2015
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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 continued temporary operation of Intelsat 16 at 76.2° 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 blue ink, appearing to read "Susan H. Crandall", written in a cursive style.

Susan H. Crandall
Associate General Counsel
Intelsat Corporation

Cc: Stephen Duall
Jay Whaley
Cindy Spiers