

S2750 SAT-STA-20131021-00123 IB2013002207
Intelsat License LLC
Intelsat 16



File # SAT-STA-20131021-00123
Call Sign S2750 Grant Date 10/24/13
(or other identifier)
Term Dates period of
From 10/12/13 To 30 days
Approved: *Stephen J. Duall*

Approved by OMB
3060-0678

Date & Time Filed: Oct 21 2013 4:15:54:540PM
File Number: SAT-STA-20131021-00123
Callsign:

*with conditions

Stephen J. Duall
Chief, Satellite Policy Branch

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 Drift Intelsat 16 (Call Sign S2750)

1. Applicant

Name:	Intelsat License LLC	Phone Number:	202-944-7848
DBA Name:		Fax Number:	202-944-7870
Street:	c/o Intelsat Corporation 3400 International Drive, N.W.	E-Mail:	susan.crandall@intelsat.com
City:	Washington	State:	DC
Country:	USA	Zipcode:	20008 -3006
Attention:	Susan H. Crandall		

Intelsat License LLC
IBFS File No. SAT-STA-20131021-00123
Call Sign S2750

The application of Intelsat License LLC (Intelsat) for special temporary authority, IBFS File No. SAT-STA-20131021-00123, is GRANTED. Intelsat is authorized, for a period of 30 days, commencing October 12, 2013, to continue 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 58.1° W.L. orbital location to the 79.0° W.L. orbital location using the following center frequencies: 14499.5 MHz and 13997.5 MHz (Earth-to-space); 12198.25 MHz and 12198.75 MHz (space-to-Earth). 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 79.0° W.L. orbital location.
4. Intelsat must operate only the TT&C frequencies on Intelsat 16 during the space station's drift from the 58.1° W.L. orbital location to the 79.0° W.L. orbital location.
5. Grant of this special temporary authority is without prejudice to any action on IBFS File No. SAT-STA-20130905-00112.
6. 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.
7. 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.



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Stephen J. Duall
Chief, Satellite Policy Branch

2. Contact

Name:	Susan H. Crandall	Phone Number:	202-944-7848
Company:	Intelsat Corporation	Fax Number:	202-944-7870
Street:	3400 International Drive, N.W.	E-Mail:	susan.crandall@intelsat.com
City:	Washington	State:	DC
Country:	USA	Zipcode:	20008 -2006
Attention:	Susan H. Crandall	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 SATSTA2013090500112 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
79.0 W.L.

7. Requested Extended Expiration Date
2013-11-10 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 a 30-day extension, from October 12, 2013 through November 10, 2013, of the Special Temporary Authority previously granted Intelsat to drift Intelsat 16 (call sign S2750) from 58.1 W.L. to 79.0 W.L., where it will operate temporarily in the Ku-band.

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
Asst. General 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

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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.

October 21, 2013

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 Intelsat 16 to 79.0° W.L.; Call Sign: S2750

Dear Ms. Dortch:

Intelsat License LLC ("Intelsat") herein requests a 30-day extension -- from October 12, 2013 through November 10, 2013 -- of the Special Temporary Authority ("STA")¹ previously granted Intelsat to drift Intelsat 16 (call sign S2750) from 58.1° W.L. to 79.0° W.L., where it will operate temporarily in the Ku-band.² During the continued drift to 79.0° W.L., and once the satellite is on-station, Intelsat will operate the following TT&C frequencies: 13997.5 MHz, 14499.5 MHz, 12198.25 MHz, and 12198.75 MHz. Intelsat seeks this STA extension in order to meet the temporary demands of its customer—SKY Mexico. For the reasons set forth below, grant of this STA extension request will not create any gap in service at the nominal 58.0° W.L. orbital location.

Intelsat 16 is currently drifting toward 79.0° W.L. and is expected to arrive on-station in early November. Intelsat expects Intelsat 16 to operate at 79.0° W.L. for no longer than the 180-day period requested in its pending companion STA request to both drift the satellite and operate it once on station at 79.0° W.L.³

Intelsat will operate Intelsat 16 at 79.0° 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 79.0° W.L.

¹ Intelsat has filed this STA request, an FCC Form 159 and an \$860.00 filing fee electronically via the International Bureau's Filing System.

² See *Policy Branch Information; Actions Taken*, Report No. SAT-00972, File No. SAT-STA-20130905-00011 (Sept. 13, 2013) (Public Notice).

³ See *Policy Branch Information; Satellite Space Applications Accepted for Filing*, Report No. SAT-00971, File No. SAT-STA-20130905-00012 (Sept. 13, 2013) (Public Notice).

Ms. Marlene H. Dortch
October 21, 2013
Page 2

(“DIRECTVKU-79W License”).⁴ DIRECTV fully supports this request to allow Intelsat 16 temporarily to operate at 79.0° W.L. for the benefit of its affiliate, SKY Mexico.

The drift of Intelsat 16 will continue to 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 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 DIRECTVKU-79 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 79.0° W.L. Finally, Intelsat is not aware of any system with an overlapping station-keeping volume with Intelsat 16 at 79.0° 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 79.0° W.L. will help satisfy customer demand at that location. Moreover, grant of this STA extension request will not create any gap in service at the nominal 58.0° W.L. orbital location because Intelsat 16 had served there as an in-orbit spare, collocated with Intelsat 21. Accordingly, grant of this STA extension request is in the public interest.

⁴See *Application of DIRECTV Enterprises, LLC*, File Nos. SAT-LOA-20120316-00051 and SAT-AMD-20120420-00071 (stamp grant issued July 12, 2012).

Ms. Marlene H. Dortch
October 21, 2013
Page 3

For the reasons set forth herein, Intelsat respectfully requests that the Commission expeditiously grant this 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
Assistant General Counsel
Intelsat Corporation

Cc: Stephen Duall
Jay Whaley
Cindy Spiers