

S2789 SAT-STA-20091230-00153 IE2009008264  
Intelsat North America LLC



Date & Time Filed: Dec 30 2009 2:21:04:683PM  
File Number: SAT-STA-20091230-00153  
Callsign: \*subject to conditions

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:  
Extension of STA to Conduct IOT and Drift Intelsat 15 (S2789)

1. Applicant			
Name:	Intelsat North America 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		

Title # SPT-STA-20091230-00153  
Call Sign S2789 Grant Date 01/06/10  
(or other identifier)  
Term Dates  
From \_\_\_\_\_ To: 01/12/10  
Approved: Stephen J. Duall  
Stephen J. Duall  
Chief, Satellite Policy Branch

Approved by OMB  
3060-0678

**Attachment to Grant**  
**Intelsat North America LLC**  
**IBFS File No. SAT-STA-20091230-00153**  
**Call Sign: S2789**

Intelsat North America LLC (Intelsat) is granted special temporary authority, through January 12, 2010, to continue in-orbit testing (IOT) of the Intelsat-15 space station (Call Sign S2789) at the 63.15° E.L. orbital location and to drift Intelsat-15 to its assigned orbital location of 85.15° E.L. after completion of IOT operations. Operations pursuant to this authorization shall be in accordance with conditions imposed as part of Intelsat-15's authorization granted on December 3, 2009. See IBFS File No. SAT-STA-20091014-00110 (grant stamp, dated December 3, 2009).



\*subject to  
conditions

File # SAT- STA-20091230-00153

Call Sign S2789 Grant Date 01/06/10  
(or other identifier)

Term Dates  
From \_\_\_\_\_ To: 01/12/10

Approved: Stephen J. Duall

Stephen J. Duall  
Chief, Satellite Policy Branch

2. Contact			
<b>Name:</b>	Intelsat North America LLC	<b>Phone Number:</b>	202-944-7848
<b>Company:</b>		<b>Fax Number:</b>	202-944-7870
<b>Street:</b>	c/o Intelsat Corporation	<b>E-Mail:</b>	susan.crandall@intelsat.com
	3400 International Drive, N.W.		
<b>City:</b>	Washington	<b>State:</b>	DC
<b>Country:</b>	USA	<b>Zipcode:</b>	20008 -
<b>Attention:</b>	Susan H. Crandall	<b>Relationship:</b>	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 type="radio"/> Change Station Location		<input checked="" type="radio"/> Extend Expiration Date	
		<input type="radio"/> Other	
6. Temporary Orbit Location		7. Requested Extended Expiration Date	
		2010-01-12 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 North America LLC herein requests a seven-day extension, through January 12, 2010, of the Special Temporary Authority previously granted Intelsat to conduct in-orbit testing of Intelsat 15, call sign S2789, at 63.15 E.L. and to drift the satellite to 85.15 E.L. The satellite is drifting and is expected to arrive on station on January 12, 2010.

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.**

December 30, 2009

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



Re: Request for Extension of Special Temporary Authority to Conduct In-Orbit Testing of Intelsat 15; Call Sign: S2789

Dear Ms. Dortch:

Intelsat North America LLC ("Intelsat") herein requests a seven-day extension – through January 12, 2010 – of the Special Temporary Authority ("STA")<sup>1</sup> previously granted Intelsat to conduct in-orbit testing ("IOT") of Intelsat 15 (call sign S2789) at 63.15° E.L. in the bands 13750-14500 MHz (uplink) and 10950-11200 MHz, 11450-11700 MHz, and 12500-12750 MHz (downlink) and to drift the satellite to its permanent location of 85.15° E.L.<sup>2</sup> Intelsat 15 has completed IOT and currently is drifting to 85.15° E.L. It is expected to arrive on station on January 12, 2010. In support of its request, Intelsat submits the following information.

Intelsat has assessed and limited the probability of the space station becoming a source of debris as a result of collision with large debris or other operational space stations. Except for Intelsat 709, Intelsat 15 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.<sup>3</sup> Further, except for Intelsat 709, 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 15. Finally, Intelsat is not aware of any system with an overlapping station-keeping volume with Intelsat 15 that is the subject of an ITU filing and that is either in orbit or progressing towards launch.

The in-orbit testing of Intelsat 15 at 63.15° E.L. was a critical step in ensuring that the satellite will be fully operational at 85.15° E.L. Grant of this STA

<sup>1</sup> Intelsat has filed this STA extension request, an FCC Form 159 and an \$830.00 filing fee electronically via the International Bureau's Filing System.

<sup>2</sup> See *Policy Branch Information; Actions Taken*, Report No. SAT-00652, File No. SAT-STA-20091014-00110 (Dec. 4, 2009) (Public Notice).

<sup>3</sup> Following traffic transfer, and subject to receipt of FCC approval, Intelsat 709 will be relocated to 54.85° E.L. See *Application of Intelsat North America to Modify the License of Intelsat 709*, File No. SAT-MOD-20091106-00117 (filed Nov. 6, 2009).

Ms. Marlene H. Dortch

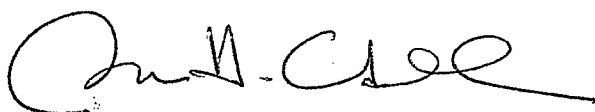
December 30, 2009

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extension request will allow the satellite to continue drifting to 85.15° E.L. and thereby ensure continuity of service at the nominal 85.0° E.L. location. Grant is therefore in the public interest.

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

Sincerely,

A handwritten signature in black ink, appearing to read "Susan H. Crandall". The signature is fluid and cursive, with a long horizontal stroke at the end.

Susan H. Crandall  
Assistant General Counsel  
Intelsat Corporation

Cc: Robert Nelson  
Karl Kensinger  
Kathryn Medley  
Stephen Duall