

S2396 SAT-STA-20101207-00256 IE2010003710  
Intelsat North America LLC  
Intelsat 709

Date & Time Filed: Dec 7 2010 5:21:17:730PM  
File Number: SAT-STA-20101207-00256  
Callsign:

File # SAT-STA-20101207-00256

Call Sign S2396 Grant Date 12/16/10

(or other identifier) Term Dates Period of  
From 12/12/10 To: 60 days

Approved by OMB  
3060-0678

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



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 Further Extension of STA to Operate Intelsat 709 at 54.85 E.L. (S2396)


1. Applicant

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

**Attachment to Grant**  
**IBFS File No. SAT-STA-20101207-00256**  
**Call Sign S2396**  
**December 16, 2010**

The request of Intelsat North America LLC (Intelsat), IBFS File No. SAT-STA-20101207-00256 is GRANTED. Accordingly, Intelsat is authorized for a period of 60 days, commencing on December 12, 2010, to continue to conduct Telemetry, Tracking, and Command operations with the Intelsat 709 space station (Call Sign S2396) at the 54.85° E.L. orbital location using the following frequencies: 6173.7 MHz and 6176.3 MHz (left-hand circular polarization/Earth-to-space); 3947.5 MHz, 3948.0 MHz, 3952.5 MHz, and 3952.0 MHz (right-hand circular polarization/space-to-Earth). Additionally, Intelsat is authorized to continue to operate the Intelsat 709 space station in the 3700–4200 MHz, 5925–6425 MHz, 10950–11200 MHz, 11450–11700 MHz, 12500–12750 MHz, and 14000–14500 MHz bands to provide fixed-satellite service (FSS) from the 54.85° E.L. orbital location. This authorization shall be in accordance with the technical specifications set forth in Intelsat's application, this Attachment, and Federal Communication Commission (Commission) rules, and is subject to the following conditions:

1. All operations of Intelsat 709's at the 54.85° E.L. orbital location shall be on an unprotected and non-harmful interference basis, *i.e.*, Intelsat shall not cause harmful interference to, and shall not claim protection from, interference caused to it by any other lawfully operating station.
2. In the event of any harmful interference during Intelsat 709's operation at the 54.85° E.L. orbital location, Intelsat shall cease operations immediately upon notification of such interference, and shall inform the Commission, in writing, immediately of such an event.
3. Any action taken or expense incurred as a result of operations pursuant to this special temporary authority is solely at Intelsat's own risk.
4. Grant of this authorization is without prejudice to any determination that the Commission may make regarding Intelsat's pending application to re-locate the Intelsat 709 space station to the 54.85° E.L. orbital location (IBFS File No. SAT-MOD-20091106-00117, as amended by SAT-AMD-20100104-00003).
5. 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. Petitions for reconsideration under Section 1.106 or applications for review under Section 1.115 of the Commission's rules, 47 C.F.R. §§ 1.106, 1.115, may be filed within 30 days of the date of the public notice indicating that this action was taken.

 <b>GRANTED*</b> International Bureau *with conditions	<b>File #</b> <u>SAT-STA-20101207-00256</u>
	<b>Call Sign</b> <u>S2396</u> <b>Grant Date</b> <u>12/16/10</u> (or other identifier)
	<b>Term Dates</b> period of <b>From</b> <u>12/12/10</u> <b>To:</b> <u>60 days</u>
	<b>Approved:</b> <u>Stephen J. Duall</u> Stephen J. Duall Chief, Satellite Policy Branch

2. Contact	
<b>Name:</b> Susan H. Crandall	<b>Phone Number:</b> 202-944-7848
<b>Company:</b> Intelsat North America LLC	<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 -3006
<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 SATMOD2009110600117 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	
54.85 E.L.	7. Requested Extended Expiration Date 2011-02-09 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 an additional 60-day extension, from December 12, 2010 through February 9, 2011, of the Special Temporary Authority previously granted Intelsat to drift Intelsat 709 (call sign S2396) from 85.15 E.L. to 54.85 E.L. and begin operating at 54.85 E.L.

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

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.**

December 7, 2010

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



Re: Request for Further Extension of Special Temporary Authority to  
Drift and Operate Intelsat 709  
Call Sign S2396

Dear Ms. Dortch:

Intelsat North America LLC ("Intelsat") herein requests an additional 60-day extension -- from December 12, 2010 through February 9, 2011 -- of the Special Temporary Authority ("STA")<sup>1</sup> previously granted Intelsat to drift Intelsat 709 (call sign S2396) from 85.15° E.L. to 54.85° E.L. and begin operating at 54.85° E.L.<sup>2</sup> Intelsat 709 is currently operating at 54.85° E.L. pursuant to the ITU filings of the Indian Administration.<sup>3</sup> Intelsat has a pending application for permanent authority to redeploy Intelsat 709 to 54.85° E.L., where it will operate in the C- and Ku-bands pursuant to the ITU filings of the Indian Administration.<sup>4</sup> Intelsat thus seeks further extension of its

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<sup>1</sup> Intelsat has filed this STA 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-00730*, File No. SAT-STA-20101006-00209 (Oct. 22, 2010) (Public Notice); *Actions Taken, Report No. SAT-00666*, File No. SAT-STA-20100111-00006 (Feb. 19, 2010) (Public Notice); *Policy Branch Information; Actions Taken, Report No. SAT-00702*, File No. SAT-STA-20100412-00074, (Jun. 25, 2010) (Public Notice); *Policy Branch Information; Actions Taken, Report No. SAT-00706*, File No. SAT-STA-20100610-00128 (Jul. 9, 2010) (Public Notice); *Policy Branch Information; Actions Taken, Report No. SAT-00717*, File No. SAT-STA-20100810-00175 (Aug. 27, 2010) (Public Notice).

<sup>3</sup> Intelsat's latest extension of its agreement with the Indian Administration allows Intelsat to operate a satellite at 54.85° E.L. through March 31, 2011 and is attached hereto.

<sup>4</sup> See *Policy Branch Information, Satellite Space Applications Accepted for Filing, Report No. SAT-00662*, File Nos. SAT-MOD-20091106-00117 and SAT-AMD-20100104-00003 (Jan. 29, 2010) (Public Notice).

Ms. Marlene H. Dortch

December 7, 2010

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original STA to continue operating at 54.85° E.L. pending action on the application for permanent authority.

Grant of this STA further extension request is in the public interest because it will allow Intelsat to ensure continuity of service to customers in the Indian Ocean region at 54.85° E.L. Grant also will allow the Commission more time in which to consider the pending application for permanent authority.

Grant of this STA request will not result in increased risk of harmful interference. Intelsat will continue to operate Intelsat 709 in conformance with the Indian Administration's coordination agreements related to the nominal 55.0° E.L. location. Intelsat also will continue to operate Intelsat 709 at 54.85° E.L. consistent with the conditions previously imposed on Intelsat's operation of Intelsat 709 at this same orbital location.<sup>5</sup>

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. Intelsat 709 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 709. Finally, Intelsat is not aware of any system with an overlapping station-keeping volume with Intelsat 709 that is the subject of an ITU filing and that is either in orbit or progressing towards launch.

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<sup>5</sup> See *Policy Branch Information; Actions Taken, Report No. SAT-00730, File No. SAT-STA-20101006-00209 (Oct. 22, 2010) (Public Notice).*

Ms. Marlene H. Dortch

December 7, 2010

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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

Attachment

cc: Karl Kensinger  
Kathryn Medley  
Stephen Duall



**Amendment 5 (dated 1 December 2010) to the Agreement (dated 6<sup>th</sup> March 2004) and its Amendments between Department of State, Government of India and INTELSAT LLC regarding placement of an INTELSAT satellite at 54.85 degrees East**

a. Replace 'Term' Paragraph 1 by the following:

'TERM'

1. The agreement shall be valid until 31 March 2011 unless terminated for default or in accordance with this section.

b. All other terms and conditions remain unchanged.

DOS

N. Neelakantan

Authorised Signature  
(N. Neelakantan)  
Director, SCNP, ISRO HQ

INTELSAT LLC

Simon Van de Weg

Authorised Signature  
Simon Van de Weg  
Director, Finance

Date: 1st December 2010

Date: 3 Dec 2010