

S2387 SAT-STA-20110915-00181  
INTELSAT LICENSE LLC  
Galaxy 15

IB2011004296

File # SAT - STA - 20110915 - 00181

Call Sign S2387 Grant Date 09/30/11  
(or other identifier)

Approved by OMB  
3060-0678

Term Dates period of  
From 09/30/11 To: 30 days

Approved: Stephen J. Duall

Stephen J. Duall  
Chief, Satellite Policy Branch



Date & Time Filed: Sep 15 2011 4:26:48:166PM  
File Number: SAT-STA-20110915-00181  
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 Special Temporary Authority to Drift Galaxy 15, Call Sign S2387

I. Applicant

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

Attachment to Grant  
Intelsat License LLC  
IBFS File No. SAT-STA-20110915-00181  
Call Sign S2387

The application of Intelsat License LLC (Intelsat), IBFS File No. SAT-STA-20110915-00181, for special temporary authority, for a period of 30 days, to conduct telemetry, tracking, and telecommand (TT&C) operations necessary to drift its Galaxy 15 space station (Call Sign S2387) from 133.1° W.L. to its assigned location of 133.0° W.L. IS GRANTED. Accordingly, Intelsat is authorized to conduct TT&C operations using frequencies centered on 6420.5 MHz (Earth-to-space) and 4198.0 MHz and 4199.875 MHz (space-to-Earth). All operations of the Galaxy 15 space station must be in accordance with the technical specifications set forth in Intelsat's application, Federal Communication Commission (Commission) rules, and the conditions set forth below.


1. All operations shall be on an unprotected and non-harmful interference basis, *i.e.*, the Galaxy 15 space station shall not cause harmful interference to, and shall not claim protection from interference caused to it by, any other lawfully operating station. In the event of any harmful interference, Intelsat shall cease operations immediately upon notification of such interference, and shall inform the Commission, in writing, immediately of such an event.

2. Intelsat shall operate only the TT&C frequencies on Galaxy 15 during the space station's drift from the 133.1° W.L. orbital location to the 133.0° W.L. orbital location.

3. Intelsat shall coordinate the operations of Galaxy 15 with existing geostationary satellites to ensure that no unacceptable interference results during the drift.

4. Upon arrival at the 133.0° W.L. orbital location, Intelsat shall resume operations of the Galaxy 15 space station in the 3700-4200 MHz (space-to-Earth) and 5925-6425 MHz (Earth-to-space) frequency bands subject to the conditions of the authority previously granted to Intelsat to operate Galaxy 15 at 133.0° W.L.<sup>1</sup> Due to the extraordinary circumstances of the Galaxy 15 anomaly, which occurred on April 5, 2010, we find that the absence of Galaxy 15 from its assigned 133.0° W.L. orbital location did not constitute a removal or modification of the space station under the provisions of Section 25.161(c) of the Commission's rules, 47 C.F.R. § 25.161(c).

5. This action is taken on delegated authority pursuant to 47 C.F.R. § 0.261 and is effective upon release. Petitions for reconsideration under 47 C.F.R. § 1.106 or applications for review under 47 C.F.R. § 1.115 may be filed within 30 days of the date of the Public Notice announcing this action.

 <b>GRANTED</b> * International Bureau *with conditions	File # <u>SAT-STA-20110915-00181</u>
	Call Sign <u>S2387</u> Grant Date <u>09/30/11</u> (or other identifier)
	Term Dates period of From <u>09/30/11</u> To: <u>30 days</u>
	Approved: <u>Stephen J. Duall</u> Stephen J. Duall Chief, Satellite Policy Branch

<sup>1</sup> Policy Branch Information: Actions Taken, Report No. SAT-00233, DA 04-2531 (Aug. 13, 2004) (providing notice of grant of IBFS File Nos. SAT-LOA-19991207-00119, SAT-AMD-20040603-00111, SAT-AMD-20031103-00320, SAT-AMD-20040603-00111, SAT-AMD-20031103-00320, SAT-AMD-20030818-00156, and SAT-AMD-20021029-00199).

<b>2. Contact</b>	
<b>Name:</b>	Susan H. Crandall
<b>Company:</b>	Intelsat Corporation
<b>Street:</b>	3400 International Drive, N.W.
<b>Phone Number:</b>	202-944-7848
<b>Fax Number:</b>	202-944-7870
<b>E-Mail:</b>	susan.crandall@intelsat.com
<b>City:</b>	Washington
<b>Country:</b>	USA
<b>State:</b>	DC
<b>Zipcode:</b>	20008 -3006
<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 SATSTA2011062300118 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	
7. Requested Extended Expiration Date	

<p>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.)</p> <div style="border: 1px solid black; padding: 5px;"> <p>Intelsat License LLC herein requests Special Temporary Authority for 30 days, commencing October 1, 2011, to drift Galaxy 15, call sign S2387, from 133.10 W.L. to 133.0 W.L. At that location, Galaxy 15 will operate consistent with the authorization obtained prior to the satellite experiencing a technical anomaly.</p> </div>							
<p>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.</p> <p style="text-align: center;"> <input checked="" type="radio"/> Yes      <input type="radio"/> No         </p>							
<p>10. Name of Person Signing Susan H. Crandall</p>	<p>11. Title of Person Signing Asst. General Counsel, Intelsat Corporation</p>						
<p>12. Please supply any need attachments.</p> <table border="1" style="width: 100%;"> <tr> <td style="width: 50%;">Attachment 1: STA Request</td> <td style="width: 50%;">Attachment 2:</td> </tr> <tr> <td> </td> <td>Attachment 3:</td> </tr> <tr> <td> </td> <td> </td> </tr> </table>		Attachment 1: STA Request	Attachment 2:		Attachment 3:		
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	Attachment 3:						
<p><b>WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND / OR IMPRISONMENT</b>          (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).</p>							

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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.**

September 15, 2011

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



Re: Request for Special Temporary Authority to Drift Galaxy 15  
Call Sign S2387

Dear Ms. Dortch:

Intelsat License LLC ("Intelsat") herein requests Special Temporary Authority ("STA")<sup>1</sup> for 30 days, commencing October 1, 2011, to drift Galaxy 15 (call sign S2387) from 133.10° W.L. to 133.0° W.L. At that location, Galaxy 15 will operate consistent with the authorization obtained prior to the satellite experiencing a technical anomaly.

Galaxy 15 is currently located at 133.10° W.L.<sup>2</sup> Intelsat expects to begin drifting Galaxy 15 from 133.10° W.L. to 133.0° W.L. on October 1, 2011 and have the satellite on-station at 133.0° W.L. approximately two to three weeks later. At the 133.0° W.L., the Galaxy 15 satellite will be temporarily co-located with the Galaxy 12 satellite (call sign S2422)<sup>3</sup> to allow for transfer of customer traffic from Galaxy 12 to Galaxy 15. At 133.0° W.L., Intelsat will operate Galaxy 15 pursuant to the satellite's existing authorization.<sup>4</sup>

Following the transfer of traffic from Galaxy 12 to Galaxy 15, Intelsat plans to operate Galaxy 12 for a short period of time at 132.9° W.L. as an in-orbit spare.<sup>5</sup> Thereafter, and subject to receipt of FCC approval, Galaxy 12 will be relocated to 129° W.L.<sup>6</sup>

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

<sup>2</sup> See *Policy Branch Information; Actions Taken*, Report No. SAT-00795, File No. SAT-STA-20110523-00094 (Jul. 22, 2011) (Public Notice).

<sup>3</sup> See *Policy Branch Information; Actions Taken*, Report No. SAT-00730, File Nos. SAT-MOD-20100120-00013 and SAT-AMD-20100514-00102 (Oct. 22, 2010) (Public Notice)

<sup>4</sup> See *Policy Branch Information; Actions Taken*, Report No. SAT-00233, File Nos. SAT-LOA-19991207-00119, SAT-AMD-20040603-00111, SAT-AMD-20031103-00320, SAT-AMD-20030818-00156, SAT-AMD-20021029-00199 (Aug. 13, 2004) (Public Notice) (authorizing operation of Galaxy 15 at the 133.0° W.L. orbital location).

<sup>5</sup> Intelsat separately is filing a request for STA for Galaxy 12.

<sup>6</sup> Intelsat expects to relocate Galaxy 12 to 129° W.L. in mid-December 2011.

Ms. Marlene H. Dortch  
September 15, 2011  
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During the drift of Galaxy 15 from 133.10° W.L. to 133.0° W.L., Intelsat will utilize only the satellite's TT&C frequencies and will follow industry practices for coordinating TT&C transmissions during the relocation process. The specific TT&C frequencies are as follows:

Uplink:

6420.5 MHz (V)  
6420.5 MHz (RHC)

Downlink:

4198.0 MHz (H)  
4199.875 (H)  
4198.0 (LHC)  
4199.875 (LHC)

Grant of this STA request is in the public interest. The authority requested will facilitate Galaxy 15's previously approved provision of service to customers at 133.0° W.L. It will also restore the Galaxy 15 satellite to operational service following the April 5, 2010 anomaly.

Moreover, grant of this STA request will not result in increased risk of harmful interference. As noted above, during the drift of Galaxy 15 from 133.1° W.L. to 133.0° W.L., Intelsat will utilize only the TT&C frequencies listed above and will coordinate the drift with all operators in the drift path.

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

Sincerely,

*/s/ Susan H. Crandall*

Susan H. Crandall  
Assistant General Counsel  
Intelsat Corporation

cc: Stephen Duall  
Jay Whaley