

S2422 SAT-STA-20111114-00217 IB2011004883  
INTELSAT LICENSE LLC  
Galaxy 12

Date & Time Filed: Nov 14 2011 3:35:20:843PM  
File Number: SAT-STA-20111114-00217  
Callsign:

File # SAT-STA-20111114-00217  
Call Sign S2422 Grant Date 11/30/11  
(or other identifier)  
Term Dates period of  
From 11/19/11 To: 30 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 Extension of Special Temporary Authority to Operate Galaxy 12, Call Sign S2422


I. Applicant

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

**Attachment to Grant**  
**IBFS File No. SAT-STA-20111114-00217**  
**Call Sign S2422**

The application of Intelsat License LLC (Intelsat) for special temporary authority, IBFS File No. SAT-STA-20111114-00217, is granted. Accordingly, Intelsat is authorized, for a period of 30 days, commencing on November 19, 2011, to continue to conduct Telemetry, Tracking, and Command (TT&C) operations with the Galaxy 12 space station (Call Sign 2422) necessary to maintain the Galaxy 12 space station at the 132.9° W.L. orbital location, using the following frequencies: 6425.5 MHz (right-hand circular polarization/Earth-to-space) and 6424.5 MHz (vertical polarization/Earth-to-space); 4198.0 MHz (left-hand circular polarization/space-to-Earth) and 4198.0 MHz (horizontal polarization/space-to-Earth); 4199.875 MHz (left-hand circular polarization/space-to-Earth) and 4199.875 MHz (horizontal polarization/space-to-Earth). In addition, Intelsat is authorized to continue to operate Galaxy 12 as an in-orbit spare at the 132.9° W.L. orbital location with the capability to provide fixed-satellite service (FSS) the 3700-4200 MHz (space-to-Earth) and 5925-6425 MHz (Earth-to-space) frequency bands. This authorization shall be in accordance with the technical specifications set forth in Intelsat's application, Federal Communication Commission (Commission) rules, and the following conditions:

1. All of Galaxy 12's operations at the 132.9° W.L. orbital location as an in-orbit spare shall be on an unprotected and non-harmful interference basis, *i.e.*, the Galaxy 12 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 may activate the communications payloads for the Galaxy 12 space station in the 3700-4200 MHz (space-to-Earth) and 5925-6425 MHz (Earth-to-space) frequency bands in the event of a service outage of an operational space station.
3. In the event Intelsat activates the communications payload of the Galaxy 12 space station, Intelsat must notify the Commission, in writing, of such activation within three business days of the start of the activation.
4. 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.

 <b>GRANTED</b> * International Bureau *with conditions	<b>File #</b> <u>SAT-STA-20111114-00217</u>
	<b>Call Sign</b> <u>S2422</u> <b>Grant Date</b> <u>11/30/11</u> (or other identifier)
	<b>Term Dates</b> <u>period of</u> <b>From</b> <u>11/19/11</u> <b>To:</b> <u>30 days</u>
	<b>Approved:</b> <u>Stephen J. Duall</u> Stephen J. Duall Chief, Satellite Policy Branch

<b>2. Contact</b>	
<b>Name:</b> Susan H. Crandall	<b>Phone Number:</b> 202-944-7848
<b>Company:</b> Intelsat Corporation	<b>Fax Number:</b> 202-944-7870
<b>Street:</b> 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	<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 2011-12-18 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, through December 18, 2011 of the Special Temporary Authority previously granted Intelsat to drift Galaxy 12 from 133.0 W.L. to 132.90 W.L. and operate the satellite at that location for approximately two months.

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.**

November 14, 2011



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

Re: Request for Extension of Special Temporary Authority for Galaxy 12  
Call Sign: S2422

Dear Ms. Dortch:

Intelsat License LLC ("Intelsat") herein requests a 30-day extension – through December 18, 2011 of the Special Temporary Authority ("STA")<sup>1</sup> previously granted Intelsat to drift Galaxy 12 from 133.0° W.L. to 132.90° W.L. and operate the satellite at that location for approximately two months.<sup>2</sup>

Galaxy 12 currently is located at 132.90° W.L. following traffic transfer from Galaxy 12 to Galaxy 15. At 132.90° W.L., Galaxy 12 will continue to operate as an in-orbit spare until December 2011. Thereafter, and subject to receipt of FCC approval, Galaxy 12 will be relocated to 129.0° W.L.<sup>3</sup>

While operating Galaxy 12 at 132.90° W.L., Intelsat will continue to utilize the following TT&C frequencies:

Uplink:

6424.5 MHz (V)  
6425.5 MHz (RHCP)

Downlink:

4198.0 MHz (H)  
4199.875 MHz (H)  
4198.0 MHz (LHCP)  
4199.875 MHz (LHCP)

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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-00816, File No. SAT-STA-20110915-00183 (Oct. 21, 2011) (Public Notice).

<sup>3</sup> Intelsat expects to relocate Galaxy 12 to 129.0° W.L. in mid-December 2011. See *Application of Intelsat License LLC to Modify Galaxy 12 License*, File No. SAT-MOD-20111011-00197 (filed Oct. 11, 2011).

To the extent necessary, Intelsat will operate the following communications frequencies on Galaxy 12 at 132.90° W.L.:

Uplink:

5925-6425 MHz

Downlink:

3700-4200 MHz

Intelsat agrees to the continued application of the conditions set forth in the original STA grant.<sup>4</sup> In addition, Intelsat requests that the waiver of Section 25.283(c) of the Commission's rules previously granted to Galaxy 12 continue to apply at the 132.90° W.L. orbital location.<sup>5</sup>

Grant of this STA extension request will serve the public interest by facilitating safe station-keeping at the nominal 133.0° W.L. orbital location. Moreover, grant of this STA extension will enable Intelsat to ensure all customer demands are satisfied at the nominal 133.0° W.L. location.

Grant of this STA extension request will not result in an increased risk of harmful interference. As noted above, while operating Galaxy 12 at 132.90° W.L., Intelsat will continue to utilize only the satellite's TT&C frequencies and will operate in those frequencies in conformance with Intelsat's coordination agreements related to that location.

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. Galaxy 12 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 Galaxy 12 at 132.90° W.L. Finally, Intelsat is not aware of any system with an overlapping station-keeping volume with Galaxy 12 at 132.90° W.L. that is the subject of an ITU filing and that is either in orbit or progressing toward launch.

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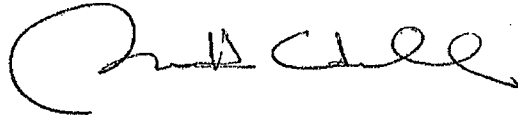
<sup>4</sup> See *supra* n.2.

<sup>5</sup> 47 C.F.R. § 25.283(c). 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).

Ms. Marlene H. Dortch  
November 14, 2011  
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For the reasons set forth herein, Intelsat respectfully requests that the Commission expeditiously grant this extension request.

Sincerely,

A handwritten signature in black ink, appearing to read 'Susan H. Crandall', written in a cursive style.

Susan H. Crandall  
Assistant General Counsel  
Intelsat Corporation

cc: Stephen Duall  
Jay Whaley