

SAT-STA-20080724-00147 IB2008001806  
PanAmSat Licensee Corp.

Approved by OMB  
3060-0678

Date & Time Filed: Jul 24 2008 3:11:47:070PM  
File Number: SAT-STA-20080724-00147  
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:  
STA to Test Galaxy 11 (S2253) at 32.5 E.L.

I. Applicant

<b>Name:</b>	PanAmSat Licensee Corp.	<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	<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		



File # SAT-STA-20080724-00147

Call Sign S2253 Grant Date 10/10/08  
(or other identifier)

Term Dates  
From 11/5/08 To: + 14 days

Approved:

**Attachment**  
**File No. SAT-STA-20080724-00147**  
**October 10, 2008**

PanAmSat Licensee Corp.'s (PanAmSat's) request, File No. SAT-STA-20080724-00147, IS GRANTED. Accordingly, PanAmSat is authorized for a period of 14 days, commencing on November 5, 2008, to operate the Galaxy 11 satellite (Call Sign: S2253) at the 32.5° E.L. orbital location in the 14.0-14.25 GHz (Earth-to-space) and 10.95-11.2 GHz (space-to-Earth) frequencies to conduct testing. Additionally, PanAmSat IS AUTHORIZED to conduct space station Telemetry, Tracking, and Control (TT&C) operations on Galaxy 11 necessary to effect operation at the 32.5 ° E.L. orbital location, subject to the following conditions:

1. All operations shall be on an unprotected and non-harmful interference basis, *i.e.*, PanAmSat shall not cause harmful interference to, and shall 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 PanAmSat's operations at the 32.5° E.L. orbital location, PanAmSat shall cease operations immediately upon notification of such interference and shall inform the FCC, in writing, immediately of such an event.
3. While at the 32.5° E.L. orbital location, PanAmSat shall maintain the Galaxy 11 spacecraft with an east/west longitudinal station-keeping tolerance of 0.05 degrees.
4. Any actions taken as a result of the launch and operation of Galaxy 11 are solely at PanAmSat's own risk.
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.



File # SAT-STA-20080724-00147  
Call Sign S2253 Grant Date 10/10/08  
(or other identifier)  
Term Dates  
From 11/5/08 To: +14 days  
Approved: [Signature]

<b>2. Contact</b>	
<b>Name:</b>	Intelsat North America LLC
<b>Company:</b>	Intelsat North America LLC
<b>Street:</b>	c/o Intelsat Corporation
<b>Phone Number:</b>	202-944-7848
<b>Fax Number:</b>	202-944-7870
<b>E-Mail:</b>	susan.crandall@intelsat.com
<b>State:</b>	DC
<b>City:</b>	Washington
<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 checked="" type="radio"/> Change Station Location	<input type="radio"/> Extend Expiration Date <input type="radio"/> Other
6. Temporary Orbit Location	
32.5 E.L.	
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 North America LLC herein requests STA for 14 days, from 09/03/2008 through 09/16/2008, to stop the drift of Galaxy 11 at 32.5 E.L. and conduct tests at that location prior to continuing the drift of the satellite to 32.8 E.L.</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: right;"> <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:		
Attachment 1: STA Request	Attachment 2:						
	Attachment 3:						
<p style="text-align: center;">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).</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.**

July 24, 2008

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



Re: Request for Special Temporary Authority to Test Galaxy 11 at 32.5° E.L.; Call Sign: S2253

Dear Ms. Dortch:

PanAmSat Licensee Corp. ("PanAmSat") herein requests a grant of Special Temporary Authority ("STA")<sup>1</sup> for 14 days, from September 3, 2008 through September 16, 2008, to stop the drift of Galaxy 11 (S2253) at 32.5° E.L. and conduct tests at that location prior to continuing the drift of the satellite to 32.8° E.L.<sup>2</sup> The testing is expected to last for three days<sup>3</sup> and will be conducted in the bands 14000-14250 MHz and 10950-11200 MHz. In support of its request, PanAmSat submits the following information.

Galaxy 11 is shortly to begin drifting from 91° W.L. to 32.8° E.L., where the satellite will be co-located with Intelsat 802, which is currently operating at 32.9° E.L. Some of the services currently on Intelsat 802 will be transferred to Galaxy 11. Prior to beginning operations at 32.8° E.L., PanAmSat needs to change the pointing of the satellite's Brazil beam to optimize the coverage area over Africa. The test that is the subject of this STA request is required to confirm that after this move the beam will be in the correct position to provide the expected service to customers in Africa.

PanAmSat is in the process of coordinating the planned testing of Galaxy 11 at 32.5° E.L. with all operators of satellites operating co-frequency up to six degrees away from 32.5° E.L. Specifically, PanAmSat is coordinating with Eutelsat, operator of Eurobird 3 at 33° E.L., Sesat 1 at 36° E.L. and Eurobird 1 at 28.5° E.L., as well as with SES Astra, operator of Astra 2C at 28.2° E.L. and Astra 5A at 31.5° E.L. In the unlikely event that harmful interference occurs, PanAmSat will take all necessary steps to eliminate the interference.

<sup>1</sup> PanAmSat has filed this STA request, an FCC Form 159 and a \$790.00 filing fee electronically via the International Bureau's Filing System.

<sup>2</sup> PanAmSat recently received authority to redeploy Galaxy 11 from 91° W.L. to 32.8° E.L. See File No. SAT-MOD-20080225-00051 (stamp grant issued by Andrea Kelly on July 22, 2008).

<sup>3</sup> PanAmSat is seeking authority through September 16, 2008 in order to accommodate a possible delay in the testing.

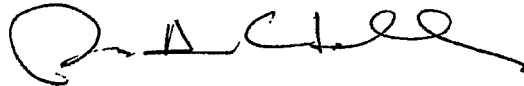
Ms. Marlene H. Dortch  
July 24, 2008  
Page 2

PanAmSat 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. Galaxy 11 will not be located at the same orbital location as another satellite or at an orbital location that has an overlapping stationkeeping volume with another satellite. Further, PanAmSat is not aware of any other FCC licensed system, or any other system applied for and under consideration by the FCC, having an overlapping stationkeeping volume with Galaxy 11. Finally, PanAmSat is not aware of any system with an overlapping stationkeeping volume with Galaxy 11 that is the subject of an ITU filing and that is either in orbit or progressing towards launch.

The testing of Galaxy 11 at 32.5° E.L. is a critical step in ensuring that the satellite will be optimized for service to Africa at 32.8° E.L. This, in turn, will help to ensure continuity of services at the nominal 33° E.L. location, and thereby promotes the public interest.

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

Sincerely,



Susan H. Crandall  
Assistant General Counsel

Intelsat Corporation

Cc: Robert Nelson  
Karl Kensinger  
Andrea Kelly