

Date & Time Filed: Oct 18 2007 5:40:16:850PM  
File Number: SAT-STA-20071018-00142  
Callsign:

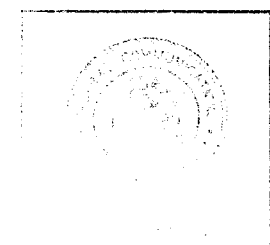
FEDERAL COMMUNICATIONS COMMISSION  
APPLICATION FOR SPACE STATION SPECIAL TEMPORARY AUTHORITY  
FOR OFFICIAL USE ONLY

APPLICANT INFORMATION

Enter a description of this application to identify it on the main menu:  
Request for STA to Operate TT&C Frequencies on Intelsat 11 at 43.2 W.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 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		



File # SAT-STA-20071018-00142  
Call Sign SAT-STA Grant Date 12/18/07  
(or other identifier)  
Term Dates  
From 12/18/07 To 5/18/08  
*Susan H Crandall*  
Susan H Crandall

**Attachment**  
**IBFS File Nos. SAT-STA-20071018-00142 and SAT-STA-20071126-00162**  
**December 13, 2007**

PanAmSat Licensee Corp.'s (PanAmSat's) request, File No. SAT-STA-20071018-00142, IS GRANTED. Accordingly, PanAmSat is authorized to operate the Intelsat 11 satellite's (Call Sign: S2237) Tracking, Telemetry, and Command (TT&C) functions at the 43.2° W.L. orbital location for a period of 180 days commencing on December 13, 2007 using the following TT&C frequencies: center frequencies 13246.5 MHz (horizontal polarization) and 13995.5 MHz (vertical polarization), each with a bandwidth of 1000 mhz, for command operations; and at the center frequencies 11448 MHz (horizontal polarization) and 11449 MHz (horizontal polarization), each with a bandwidth of 500 mhz, for telemetry operations. These authorizations are subject to the terms, conditions, and technical specifications set forth in PanAmSat's applications, this Attachment, and the Commission's rules:

File # SAT-STA-20071126-00162  
SAT-STA-20071018-00142  
 Call Sign S2237 Grant Date 12/13/07  
 (or other identifier)

Term Dates

To: \_\_\_\_\_  
 From: \_\_\_\_\_  
 Approved: [Signature]  
Polina P. Grewen (Chief)

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.

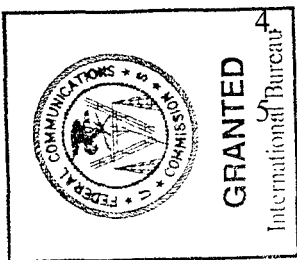
In the event of any harmful interference as a result of PanAmSat's operations at the 43.2° W.L. orbital location, PanAmSat shall cease operations immediately upon notification of such interference and shall inform the FCC, in writing, immediately of such an event.

While at the 43.2° W.L. orbital location, PanAmSat shall maintain the Intelsat 11 spacecraft with an east/west longitudinal station-keeping tolerance of 0.05 degrees.

Any actions taken as a result of the launch and operation of Intelsat 11 are solely at PanAmSat's own risk.

PanAmSat's request, File No. SAT-STA-20071126-00162, to operate the Intelsat 11 satellite's TT&C functions at the 43.2° W.L. orbital location for a period of 30 days commencing on December 3, 2007 using the TT&C frequencies listed above, IS GRANTED to the extent necessary, or otherwise is dismissed as moot.<sup>1</sup>

6. 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



<sup>1</sup> The Satellite Division previously granted PanAmSat special temporary authority (STA) to operate the Intelsat 11 satellite at the same location and frequencies for a period of 30 days commencing on November 3, 2007. See PanAmSat Licensee Corp., IBFS File No. SAT-STA-20071018-00143, grant stamped November 2, 2007. PanAmSat subsequently filed an application to renew this authority for an additional 30 days, beginning December 3, 2007, pending the disposition of the 180-day STA that is granted here. See PanAmSat Licensee Corp., IBFS File No. SAT-STA-20071126-00162. We grant this subsequent renewal STA to the extent necessary to bridge the gap between the time that the current STA expires and the 180-day STA commences.

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.

2. Contact	
<b>Name:</b> PanAmSat Licensee Corp.	<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 -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 43.2 W.L.	7. Requested Extended Expiration Date

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.)		
PanAmSat Licensee Corp. herein requests a grant of STA for 180 days to temporarily operate Intelsat 11's TT&C frequencies at 43.2 W.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.		
<input checked="" type="radio"/> Yes		<input type="radio"/> No
10. Name of Person Signing Susan H. Crandall	11. Title of Person Signing Asst. Gen. 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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Remember – You are not required to respond to a collection of information sponsored by the Federal government, and the government may not conduct or sponsor this collection, unless it displays a currently valid OMB control number or if we fail to provide you with this notice. This collection has been assigned an OMB control number of 3060-0678.

**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.**

October 18, 2007

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 Temporarily Operate  
Intelsat 11's TT&C Frequencies at 43.2° W.L.  
Call Sign: S2237

Dear Ms. Dortch:

PanAmSat Licensee Corp. ("PanAmSat") herein requests a grant of Special Temporary Authority ("STA")<sup>1</sup> for 180 days to temporarily operate only the satellite's TT&C frequencies at 43.2° W.L. Intelsat 11 currently is licensed to operate at 43.1° W.L. after completion of in-orbit testing at 47.5° W.L.<sup>2</sup> and the satellite ultimately will be deployed to that location. However, for the reasons explained below, PanAmSat wishes temporarily to keep the satellite at 43.2° W.L., while operating only the satellite's TT&C frequencies.

As the Commission is aware, Intelsat 11 is a replacement satellite for Intelsat 6B, which currently operates at 43.1° W.L. Originally, PanAmSat intended to drift Intelsat 11 to 43.1° W.L. immediately after completion of in-orbit testing and to transfer the traffic currently on Intelsat 6B to Intelsat 11 at this location. Subsequently, Intelsat 6B would be moved to 43.2° W.L. until the satellite is de-orbited.<sup>3</sup> However, because Intelsat 11 does not yet have the requisite landing rights in one country, the traffic on Intelsat 6B cannot be transferred to Intelsat 11 immediately after the latter has completed in-orbit testing. In order to ensure safe station-keeping of both Intelsat 11 and Intelsat 6B, PanAmSat now intends to stop Intelsat 11 at 43.2° W.L. and operate only the satellite's TT&C frequencies at that location until traffic transfer legally can occur at

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<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> See *Policy Branch Information, Actions Taken*, Report No. SAT-00474, File Nos. SAT-MOD-20070207-00027 and SAT-AMD-20070716-00102 (Oct. 5, 2007) (Public Notice).

<sup>3</sup> See *Policy Branch Information, Satellite Space Applications Accepted for Filing*, Report No. SAT-00470, File No. SAT-STA-20070813-00114 (Sept. 14, 2007) (Public Notice).

43.1° W.L.<sup>4</sup> To the extent it needs such authorization, PanAmSat asks that this STA request also include the ability to drift Intelsat 11 to 43.1° W.L. at such time as traffic transfer legally can occur. Although PanAmSat cannot anticipate precisely when it will receive the requisite foreign landing rights for Intelsat 11, it fully expects to have the requisite landing rights needed to transfer traffic from Intelsat 6B to Intelsat 11 well before the current expected end-of-life date of Intelsat 6B, which is February 2008.

While Intelsat 11 is located temporarily at 43.2° W.L., and while it subsequently drifts from 43.2° W.L. to 43.1° W.L., only the following TT&C frequencies will be operated on the satellite: command frequencies 13246.5 MHz (horizontal polarization) and 13995.5 MHz (vertical polarization); telemetry frequencies 11448 MHz (horizontal polarization) and 11449 MHz (horizontal polarization).

All TT&C operations of Intelsat 11 at 43.2° W.L. will be in conformance with relevant coordination agreements PanAmSat has reached with other administrations regarding operations at the nominal 43.0° W.L. location. In addition, PanAmSat will operate in accordance with the FCC's rules designed to allow co-frequency, co-coverage operations in a two-degree spaced environment. As a result of these efforts, PanAmSat's operation of Intelsat 11's TT&C frequencies at the 43.2° W.L. location poses no risk of harmful interference to adjacent operational satellites.

Grant of this STA request will serve the public interest by allowing PanAmSat to ensure the safe station-keeping of Intelsat 11 and Intelsat 6B at the nominal 43.0° W.L. location until services legally can be transferred from the latter to the former. As noted above, PanAmSat expects to be able to move Intelsat 11 to 43.1° W.L. and complete the traffic transfer well in advance of the need to de-orbit Intelsat 6B.

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<sup>4</sup> In-orbit testing of Intelsat 11 currently is expected to be completed on or about October 28, 2007. The satellite is expected to arrive at 43.2° W.L. on or about November 7, 2007. PanAmSat is concurrently filing a separate 30-day STA request to stop Intelsat 11 at 43.2° W.L. upon its arrival at that location and to operate the satellite's TT&C frequencies at that location.



Ms. Marlene H. Dortch  
October 18, 2007  
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For the reasons set forth herein, PanAmSat respectfully requests that the Commission grant this 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: Robert Nelson  
Andrea Kelly  
Karl Kensinger  
Jabin Vahora