

Approved by OMB  
3060-0678

Date & Time Filed: Oct 18 2007 5:41:10:270PM  
File Number: SAT-STA-20071018-00143  
Callsign: **62237**

FEDERAL COMMUNICATIONS COMMISSION  
APPLICATION FOR SPACE STATION SPECIAL TEMPORARY AUTHORITY

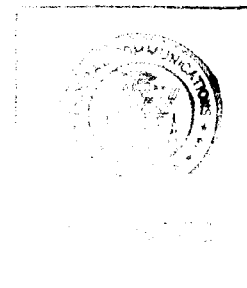
FOR OFFICIAL USE ONLY

APPLICANT INFORMATION

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

1. 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		



w/courtesy

File # SAT-STA-20071018-00143

Call Sign 62237 Grant Date 11/2/07  
(or other identifier)

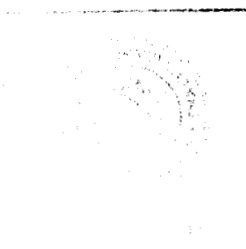
Term Dates  
From: 11/3/07 To: + 30 days

*Ashley K. Kelly*  
Policy Branch Chief

**Attachment**  
**File No. SAT-STA-20071018-00143**  
**November 2, 2007**

PanAmSat Licensee Corp.'s (PanAmSat's) request, File No. SAT-STA-20071018-00143, 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 the period of 30 days commencing on November 3 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. This authorization is subject to the terms, conditions, and technical specifications set forth in its application and this Attachment and the Commission's rules:

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 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.
3. 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.
4. Any actions taken as a result of the operation of Intelsat 11 pursuant to this authorization 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.



w/conditions

File # SAT-STA-20071018-00143  
Call Sign S2237 Grant Date 11/2/07  
(or other identifier)  
Term Dates  
From 11/3/07 To: + 30 days  
Robert L. Keeg  
Policy Branch Chief

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?

- If Yes, complete and attach FCC Form 159. If No, indicate reason for fee exemption (see 47 C.F.R. Section 1.1114).
- Governmental Entity     Noncommercial educational licensee
- Other (please explain):

4b. Fee Classification    CRY - Space Station (Geostationary)

5. Type Request

- Change Station Location                       Extend Expiration Date                       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 30 days beginning 11/03/2007, to stop Intelsat 11 at 43.2 W.L. and temporarily operate only the satellite's TT&C frequencies at that location.

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. 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**

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 [jboley@fcc.gov](mailto:jboley@fcc.gov). PLEASE DO NOT SEND COMPLETED FORMS TO THIS ADDRESS.

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

Dear Ms. Dortch:

PanAmSat Licensee Corp. ("PanAmSat") herein requests a grant of Special Temporary Authority ("STA")<sup>1</sup> for 30 days beginning November 3, 2007, to stop Intelsat 11 at 43.2° W.L. and temporarily operate only the satellite's TT&C frequencies at that location. 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

<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.

Because PanAmSat cannot anticipate precisely when it will receive the requisite foreign landing rights for Intelsat 11, it is concurrently filing a 180-day STA request to operate the satellite's TT&C frequencies at 43.2° W.L. PanAmSat fully expects, however, 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.

---

<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 has asked for grant of this STA beginning November 3, 2007 to accommodate a possible earlier arrival by the satellite.

Ms. Marlene H. Dortch

October 18, 2007

Page 3

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 "S. Crandall", written over a horizontal line.

Susan H. Crandall  
Assistant General Counsel  
Intelsat Corporation

cc: Robert Nelson  
Andrea Kelly  
Karl Kensinger  
Jabin Vahora