

File # SAT-STA-20070802-00109

Call Sign S2237 Grant Date 10-5-07
(or other identifier)

Term Dates
From 10-5-07 To: 12-4-07

Approved: Cassandra C Thomas

Approved by OMB
3060-0678

Date & Time Filed: Aug 2 2007 3:51:21:163PM
File Number: SAT-STA-20070802-00109
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:
STA for IOT of Intelsat 11 at 47.5 W.L.


1. Applicant

Name:	PanAmSat Licensee Corp.	Phone Number:	202-944-7848
DBA Name:		Fax Number:	202-944-7870
Street:	3400 International Drive, N.W.	E-Mail:	susan.crandall@intelsat.com
City:	Washington	State:	DC
Country:	USA	Zipcode:	20008 -3006
Attention:	Susan H Crandall		

Attachment
File No. SAT-STA-20070802-00109
Call Sign S2237
October 5, 2007

PanAmSat Licensee Corp.'s request, File No. SAT-STA-20070802-00109, IS GRANTED IN PART, and PanAmSat Licensee Corp. (PanAmSat) IS AUTHORIZED, for a period of 60 days, from October 9, 2007 to December 8, 2007, to conduct in-orbit testing and tracking, telemetry and control operations for the Intelsat 11 at the 47.5° W.L. orbital location in the 3700-4200 MHz (space-to-Earth) and 5925-6425 GHz (Earth-to-space) frequencies. PanAmSat's request to conduct in-orbit testing in the 14.0-14.5 GHz (Earth-to-space) and 11.7-12.2 GHz (space-to-Earth) frequencies is being treated separately.¹ This authorization is 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 47.5° 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 47.5° 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 launch and operation of Intelsat 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.

 COMMUNICATIONS FEDERAL COMMUNICATIONS COMMISSION	SAT-STA-20070802-00109	
	Call Sign	S2237
	Date	10-5-07
	Expires	12-4-07
Cassandra Thomas		

¹ See Letter from Robert G. Nelson, Chief, Satellite Division, International Bureau, to Susan H. Crandall, Assistant General Counsel, Intelsat Corporation (Oct. 5, 2007).

2. Contact	
Name: PanAmSat Licensee Corp.	Phone Number: 202-944-7848
Company: c/o Intelsat Corporation	Fax Number: 202-944-7870
Street: 3400 International Drive, N.W.	E-Mail: susan.crandall@intelsat.com
City: Washington	State: DC
Country: USA	Zipcode: 20008 -3006
Attention: Susan H Crandall	Relationship:
(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 type="radio"/> Extend Expiration Date <input checked="" type="radio"/> Other	
6. Temporary Orbit Location 47.5 W.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; margin: 5px 0;"> <p>PanAmSat Licensee Corp. herein requests a grant of STA for 60 days, from 09/28/2007 - through 11/26/2007, to conduct in-orbit testing of Intelsat 11 at 47.5 W.L. in the conventional C- and Ku- bands before moving the satellite to its permanent location.</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: 33%;">Attachment 1: STA Request</td> <td style="width: 33%;">Attachment 2:</td> <td style="width: 33%;">Attachment 3:</td> </tr> </table>			Attachment 1: STA Request	Attachment 2:	Attachment 3:
Attachment 1: STA Request	Attachment 2:	Attachment 3:			
<p>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>					

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. 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.

August 2, 2007

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



Re: Request for Special Temporary Authority to Conduct In-Orbit
Testing of IS 11
Call Sign: S2237

Dear Ms. Dortch:

PanAmSat Licensee Corp. ("PanAmSat") herein requests a grant of Special Temporary Authority ("STA")¹ for 60 days, from September 28, 2007 through November 26, 2007, to conduct in-orbit testing of Intelsat 11 at 47.5° W.L. in the conventional C- and Ku- bands before moving the satellite to its permanent location. Intelsat 11 is currently scheduled to be launched on September 21, 2007. In support of its request, PanAmSat submits the following information.

On February 7, 2007, PanAmSat filed an application for authority to launch and operate Intelsat 11 as a replacement satellite at 43.0° W.L.² On July 16, 2007, PanAmSat amended that application to revise the orbital location to 43.1° W.L.³ Intelsat 11 will replace Intelsat 6B, which currently is operating at 73.95° W.L.

During in-orbit testing of Intelsat 11, PanAmSat will operate in the conventional C- and Ku-bands. PanAmSat has coordinated, or is in the process of coordinating, the planned in-orbit testing of Intelsat 11 with all operators of satellites operating co-frequency up to six degrees away from 47.5° W.L. Specifically, PanAmSat has coordinated with Inmarsat, the operator of Inmarsat 4 F2 located at 53.0° W.L. and is coordinating with the U.S. Air Force, the operator of the TDRS 1 and TDRS 4 satellites located at 49.0° W.L. and 46.0° W.L., respectively. The only other satellites operating co-frequency up to six degrees away from 47.5° W.L. are operated by PanAmSat or its affiliated company, Intelsat North America LLC. In the unlikely event that harmful

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

² See *Policy Branch Information; Satellite Space Applications Accepted for Filing*, Report No. SAT-00428, File No. SAT-RPL-20070207-00027 (Mar. 23, 2007) (Public Notice).

³ See *PanAmSat Licensee Corp. Amendment to Application for Authority to Launch and Operate a Replacement Satellite at 43° W.L.*, File No. SAT-AMD-20070716-00102.


Ms. Marlene H. Dortch
August 2, 2007
Page 2

interference occurs, PanAmSat will take all necessary steps to eliminate the interference.

The in-orbit testing of Intelsat 11 at 47.5° W.L. is a critical step in ensuring that the satellite will be fully operational at 43.1° W.L. This, in turn, will ensure continuity of existing services at the nominal 43.0° W.L. location, and thereby promote 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
Jabin Vahora