

Approved by OMB
3060-0678

Date & Time Filed: Oct 5 2007 5:26:43:610PM
File Number: SAT-STA-20071005-00136
Callsign: S2237

extended ku-bands 10T @ 47.5 W.L.

FEDERAL COMMUNICATIONS COMMISSION
APPLICATION FOR SPACE STATION SPECIAL TEMPORARY AUTHORITY

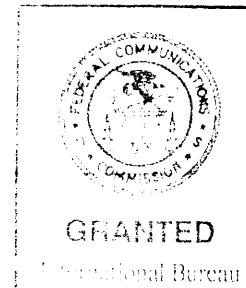
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APPLICANT INFORMATION

Enter a description of this application to identify it on the main menu:
STA for IOT of Extended Ku-bands on 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:	c/o Intelsat Corporation 3400 International Drive, N.W.	E-Mail:	susan.crandall@intelsat.com
City:	Washington	State:	DC
Country:	USA	Zipcode:	20008 -3006
Attention:	Susan H Crandall		



w/conditions

File # SAT-STA-20071005-00136

Call Sign S2237 Grant Date 10/9/07
(or other identifier)

Term Dates
From 10/9/07 To: + 30 days

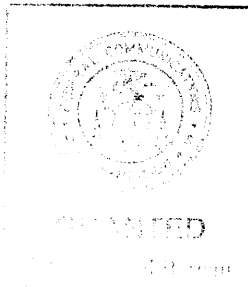
Approved: *[Signature]*

Policy Branch Chief

Attachment
File No. SAT-STA-20071005-00136
October 9, 2007

PanAmSat Licensee Corp.'s request, File No. SAT-STA-20071005-00136, IS GRANTED. According, PanAmSat Licensee Corp. (PanAmSat) IS AUTHORIZED, for a period of 30 days, commencing October 9, 2007, to conduct in-orbit testing and tracking, telemetry and control operations¹ for the Intelsat 11 satellite (Call Sign: S2237) at the 47.5° W.L. orbital location in the 12.75-13.25 GHz (Earth-to-space), 13.75-14.0 GHz (Earth-to-space) and 10.7-11.45 GHz (space-to-Earth) extended Ku-band frequencies. 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.



File # SAT-STA-20071005-00136

Call Sign S2237 Grant Date 10/9/07
(or other identifier)

Term Dates
From 10/9/07 To: + 30 days

Approved: [Signature]
Policy Branch Chief

¹ Authority 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 was granted on Oct. 6, 2007. IBFS File No. SAT-STA-20070802-00109.

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?

- 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

47.5 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, from 10/09/2007 - through 11/07/2007, to conduct in-orbit testing of Intelsat 11 at 47.5 W.L. in the bands 12750-13250 MHz, 13750-14000 MHz, and 10700-11450 MHz before moving the satellite to its permanent 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. 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.

October 5, 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
Extended Ku-band Frequencies on IS 11
Call Sign: S2237

Dear Ms. Dortch:

PanAmSat Licensee Corp. ("PanAmSat") herein requests a grant of Special Temporary Authority ("STA")¹ for 30 days, from October 9, 2007 through November 7, 2007, to conduct in-orbit testing of Intelsat 11 at 47.5° W.L. in the bands 12750-13250 MHz, 13750-14000 MHz, and 10700-11450 MHz before moving the satellite to its permanent location of 43.1° W.L. Intelsat 11 is currently scheduled to be launched on October 5, 2007. In support of its request, PanAmSat submits the following information.

During in-orbit testing of Intelsat 11, PanAmSat will operate in the above listed extended Ku-band frequencies, as well as in the conventional C-band.² PanAmSat has coordinated 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 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 interference occurs, PanAmSat will take all necessary steps to eliminate the interference.

The in-orbit testing of the satellite 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.

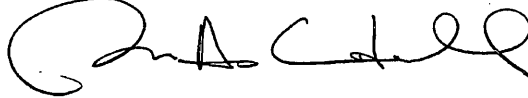
¹ PanAmSat has filed this STA request, an FCC Form 159 and a \$790.00 filing fee electronically via the International Bureau's Filing System.

² PanAmSat already has received authority to conduct in-orbit testing of Intelsat 11 in the conventional C-band at this location. *See* SAT-STA-20070802-00109 (stamp grant by Cassandra Thomas issued Oct. 5, 2007).

Ms. Marlene H. Dortch
October 5, 2007
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For the reasons set forth herein, PanAmSat respectfully requests that the Commission expeditiously grant this request.

Sincerely,

A handwritten signature in black ink, appearing to read "Susan H. Crandall". The signature is fluid and cursive, with a large initial "S" and "C".

Susan H. Crandall
Assistant General Counsel
Intelsat Corporation

Cc: Robert Nelson
Karl Kensinger
Andrea Kelly
Jabin Vahora