

S2387 SAT-STA-20100616-00138 IB2010001863  
PanAmSat Licensee Corp.

File # SAT- STA- 20100616- 00138

Call Sign S2387 Grant Date 06/21/10  
(or other identifier)

Approved by OMB  
3060-0678

Term Dates  
From 06/24/10 To: 06/30/10

**GRANTED \***

International Bureau

\*subject to conditions

Approved: *Stephen J. Duall*  
Stephen J. Duall  
Chief, Satellite Policy Branch

Date & Time Filed: Jun 16 2010 3:55:58:950PM  
File Number: SAT-STA-20100616-00138  
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 Special Temporary Authority for Galaxy 15, Call Sign S2387

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		

**Attachment to Grant**  
**IBFS File No. SAT-STA-20100616-00138**  
**Call Sign S2387**  
**June 21, 2010**

The request of PanAmSat Licensee Corp. (PanAmSat) for special temporary authority, IBFS File No. SAT-STA-20100616-00138, to operate the Galaxy 15 space station (Call Sign S2387) outside the +/-0.05° east/west station-keeping box previously authorized for the Galaxy 15 space station<sup>1</sup> is granted. PanAmSat is authorized, for a period of 7 days commencing June 24, 2010, to operate the communications payload aboard the Galaxy 12 space station in the 3700–4200 MHz (space-to-Earth) and 5925–6425 MHz (Earth-to-space) frequency bands outside the +/-0.05° east/west station-keeping box. This authorization shall be in accordance with the technical specifications set forth in PanAmSat's application, Federal Communication Commission (Commission) rules, and the following conditions:

1. PanAmSat is required to accept interference from other lawfully operating space stations or radio communications systems.
2. In the event of any harmful interference to other lawfully operating space stations or radio communications systems, PanAmSat shall inform the Commission, in writing, immediately of such an event.
3. Any action taken or expense incurred as a result of operations pursuant to this special temporary authority is solely at PanAmSat's own risk.
4. This authorization is not one relating to an "activity of a continuing nature" for purposes of Section 1.62 of the Commission's rules and Section 558(c) of the Administrative Procedure Act. Continuation of operations beyond the term of this authorization will require prior affirmative authorization by the FCC.
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.



\*subject to conditions

**File #** SAT-STA-20100616-00138  
**Call Sign** S2387 **Grant Date** 06/21/10  
**(or other identifier)**  
**Term Dates**  
**From** 06/24/10 **To:** 06/30/10  
**Approved:** Stephen J. Duall

Stephen J. Duall  
Chief, Satellite Policy Branch

<sup>1</sup> See IBFS File No. SAT-AMD-20021029-00199 (granted Aug. 11, 2004).

<b>2. Contact</b>	
<b>Name:</b>	PanAmSat Licensee Corp. <b>Phone Number:</b> 202-944-7848
<b>Company:</b>	c/o Intelsat Corporation <b>Fax Number:</b> 202-944-7870
<b>Street:</b>	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 <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 type="radio"/> Change Station Location	<input type="radio"/> Extend Expiration Date <input checked="" type="radio"/> Other
6. Temporary Orbit Location	
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., pursuant to Section 25.120 of the rules of the Federal Communications Commission, herein requests Special Temporary Authority for seven days, from June 24, 2010 through June 30, 2010, to operate the C-band communications payload (3700-4200 MHz and 5925-6425 MHz) of the Galaxy 15 satellite (Call Sign S2387) outside of

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**

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 [PRA@fcc.gov](mailto:PRA@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.**

## **8. Description**

PanAmSat Licensee Corp., pursuant to Section 25.120 of the rules of the Federal Communications Commission, herein requests Special Temporary Authority for seven days, from June 24, 2010 through June 30, 2010, to operate the C-band communications payload (3700-4200 MHz and 5925-6425 MHz) of the Galaxy 15 satellite (Call Sign S2387) outside of the +/- 0.05 East/West station-keeping box pursuant to a waiver of Section 25.210(j) of the rules of the Commission.

June 16, 2010

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 for Galaxy 15  
Call Sign S2387

Dear Ms. Dortch:

PanAmSat Licensee Corp. ("PanAmSat"), pursuant to Section 25.120 of the rules of the Federal Communications Commission ("FCC" or "Commission"),<sup>1</sup> herein requests Special Temporary Authority ("STA")<sup>2</sup> for seven days – from June 24, 2010 through June 30, 2010 – to operate the Galaxy 15 satellite's (Call Sign S2387) C-band communications payload (3700-4200 MHz and 5925-6425 MHz) outside of the +/- 0.05° East/West station-keeping box pursuant to a waiver of Section 25.210(j) of the Commission's rules.<sup>3</sup>

As PanAmSat previously has informed the International Bureau ("Bureau") staff, on April 5, 2010 the Galaxy 15 satellite experienced an anomaly of unknown origin. Due to this anomaly, the Galaxy 15 satellite has drifted outside of its authorized +/- 0.05° East/West station-keeping box pursuant to STA.<sup>4</sup> During the time period covered by this STA request, Galaxy 15 will be located at between 129.5° and 128.5° W.L.

PanAmSat will utilize the transmissions contemplated herein in a second attempt to disable the communications payload on the Galaxy 15 satellite. PanAmSat will take this action only if all ongoing efforts to regain control of Galaxy 15 have not been successful by June 24, 2010. PanAmSat's sister company, Intelsat North America LLC, is filing an STA request to utilize an

<sup>1</sup> 47 C.F.R. § 25.120.

<sup>2</sup> PanAmSat has filed this STA request, an FCC Form 159 and an \$830.00 filing fee electronically via the International Bureau's Filing System.

<sup>3</sup> 47 C.F.R. § 25.210(j).

<sup>4</sup> See *Policy Branch Information; Actions Taken*, Report No. SAT-00682, File No. SAT-STA-20100409-00071 (Apr. 16, 2010) (Public Notice); *Policy Branch Information; Actions Taken*, Report No. SAT-00687, File No. SAT-STA-20100430-00087 (May 7, 2010) (Public Notice); *Actions Taken*, Report No. SAT-00698, File No. SAT-STA-20100601-00118 (Jun. 11, 2010) (Public Notice).

Ms. Marlene H. Dortch  
June 16, 2010  
Page 2

earth station in Clarksburg, Maryland (call sign KA275) to transmit to the satellite for purpose of this disabling effort. In the course of these transmissions, the Galaxy 15 transponders will operate at saturation, resulting in each of the 10 MHz carriers having at beam peak a downlink EIRP of approximately 41 dBW.

Grant of this STA request is in the public interest. The Commission may grant a waiver for good cause shown.<sup>5</sup> The Commission typically grants a waiver where the particular facts make strict compliance inconsistent with the public interest.<sup>6</sup> In granting a waiver, the Commission may take into account considerations of hardship, equity, or more effective implementation of overall policy on an individual basis.<sup>7</sup> Waiver is therefore appropriate if special circumstances warrant a deviation from the general rule, and such a deviation will serve the public interest.

Good cause exists in this case based on hardship. Due to the technical anomaly on the Galaxy 15 satellite, PanAmSat is unable to comply with the requirements of Section 25.210(j) of the Commission's rules. PanAmSat will, however, take all practicable steps to coordinate the safe operation of Galaxy 15. Moreover, grant of this STA request will allow PanAmSat to make a second attempt to disable the communications payload on the Galaxy 15 satellite should ongoing attempts to regain control of the spacecraft prove unsuccessful. If this second attempt to disable the communications payload is successful, it will greatly reduce the likelihood of Galaxy 15 causing potential interference into the operations of other operators, thereby promoting the public interest.

PanAmSat agrees to accept the following conditions, each of which was included in PanAmSat's prior grant of special temporary authority to attempt to disable the Galaxy 15 satellite's communications payload:<sup>8</sup>

<sup>5</sup> 47 C.F.R. §1.3.

<sup>6</sup> *N.E. Cellular Tel. Co. v. FCC*, 897 F.2d 1164, 1166 (D.C. Cir. 1990) ("*Northeast Cellular*").

<sup>7</sup> *WAIT Radio v. FCC*, 418 F.2d 1153, 1159 (D.C. Cir. 1969); *Northeast Cellular*, 897 F.2d at 1166.

<sup>8</sup> Request for Special Temporary Authority for Galaxy 15, Call Sign S2387, File No. SAT-STA-20100426-00084 (stamp grant with conditions Apr.29, 2010).

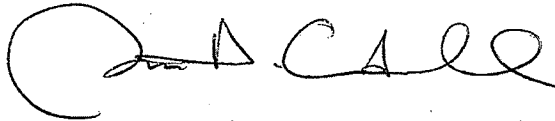


Ms. Marlene H. Dortch  
June 16, 2010  
Page 3

1. PanAmSat is required to accept interference from other lawfully operating space stations or radio communications systems.
2. In the event of any harmful interference to other lawfully operating space stations or radio communications systems, PanAmSat shall inform the Commission, in writing, immediately of such an event.
3. Any action taken or expense incurred as a result of operations pursuant to this special temporary authority is solely at PanAmSat's own risk.

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 large, circular scribble.

Susan H. Crandall  
Assistant General Counsel  
Intelsat Corporation

cc: Robert Nelson  
Kathryn Medley  
Stephen Duall