

File # SAT-STA-20100426-00084



Call Sign S2387 Grant Date 04/29/10

(or other identifier)

Approved by OMB
3060-0678

Term Dates From 05/03/10 To 05/05/10

Approved: Stephen G. Duall
Chief, Satellite Policy Branch

Date & Time Filed: Apr 26 2010 4:56:40:116PM
File Number: SAT-STA-20100426-00084
Callsign:

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:
Request for Special Temporary Authority for Galaxy 15, Call Sign S2387


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		

Attachment to Grant
IBFS File No. SAT-STA-20100426-00084
Call Sign S2387
April 29, 2010

The request of PanAmSat Licensee Corp. (PanAmSat) for special temporary authority, IBFS File No. SAT-STA-20100426-00084, 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 station¹ is granted. PanAmSat is authorized, for a period of 3 days commencing May 3, 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.

 GRANTED* International Bureau <i>*subject to conditions</i>	File # <u>SAT-STA-20100426-00084</u>
	Call Sign <u>S2387</u> Grant Date <u>04/29/10</u> (or other identifier)
	Term Dates From <u>05/03/10</u> To: <u>05/05/10</u>
	Approved: <u><i>Stephen J. Duall</i></u> Stephen J. Duall Chief, Satellite Policy Branch

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

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: 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	

<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;"> <p>PanAmSat Licensee Corp., pursuant to Section 25.120 of the rules of the Federal Communications Commission, herein requests Special Temporary Authority for three days -- from May 3, 2010 through May 5, 2010 -- to operate the C-band communications payload of the Galaxy 15 satellite (Call Sign S2387) outside of the +/- 0.05 East/West station-</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 1.202(b) for the meaning of "party to the application"; for these purposes.</p> <p style="text-align: right;">Yes <input checked="" type="radio"/> No <input type="radio"/></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: 50%;">Attachment 1: STA Request</td> <td style="width: 50%;">Attachment 2:</td> </tr> <tr> <td></td> <td>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>					

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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.

8. Description

PanAmSat Licensee Corp., pursuant to Section 25.120 of the rules of the Federal Communications Commission, herein requests Special Temporary Authority for three days -- from May 3, 2010 through May 5, 2010 -- to operate the C-band communications payload 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.

April 26, 2010

Ms. Marlene H. Dortch
Secretary
Federal Communications Commission
445 12th 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"),¹ herein requests Special Temporary Authority ("STA")² for three days -- from May 3, 2010 through May 5, 2010 -- to operate the Galaxy 15 satellite's (Call Sign S2387) C-band communications payload outside of the +/- 0.05° East/West station-keeping box pursuant to a waiver of Section 25.210(j) of the Commission's rules.³

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. The Galaxy 15 satellite is currently located at approximately 132.74° W.L. pursuant to STA.⁴ During the time period covered by this STA request, Galaxy 15 will be located at 132.5 +/- 0.1° W.L.

PanAmSat will utilize the transmissions contemplated herein in an attempt to disable the communications payload on the Galaxy 15 satellite. PanAmSat will take this action only if all ongoing efforts to

¹ 47 C.F.R. § 25.120.

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

³ 47 C.F.R. § 25.210(j).

⁴ See *Policy Branch Information; Actions Taken*, Report No. SAT-00682, File No. SAT-STA-20100409-00071 (Apr. 16, 2010) (Public Notice).

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regain control of Galaxy 15 have not been successful by May 3. PanAmSat's sister company, Intelsat North America LLC, has filed an STA request to utilize an earth station in Clarksburg, Maryland (KA275) to transmit to the satellite for purpose of this disabling effort.⁵ 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.⁶ The Commission typically grants a waiver where the particular facts make strict compliance inconsistent with the public interest.⁷ 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.⁸ 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 attempt to disable the communications payload on the Galaxy 15 satellite should ongoing attempts to regain control of the spacecraft prove unsuccessful. If this attempt to disable the communications payload is successful, it will greatly reduce the

⁵ See *Intelsat North America LLC Request for Special Temporary Authority, Clarksburg, Maryland Earth Station KA275*, File No. SES-STA-INTR2010-01283 (filed Apr. 23, 2010). As noted therein, in the course of the three days of operations, during one or more periods of up to three hours, the earth station will be transmitting simultaneously to the 24 transponders of the Galaxy 15 satellite.

⁶ 47 C.F.R. §1.3.

⁷ *N.E. Cellular Tel. Co. v. FCC*, 897 F.2d 1164, 1166 (D.C. Cir. 1990) ("*Northeast Cellular*").

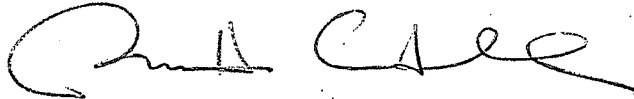
⁸ *WAIT Radio v. FCC*, 418 F.2d 1153, 1159 (D.C. Cir. 1969); *Northeast Cellular*, 897 F.2d at 1166.

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likelihood of Galaxy 15 causing potential interference into the operations of other operators, thereby promoting the public interest.

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". The signature is fluid and cursive, with a large initial "S" and "C".

Susan H. Crandall
Assistant General Counsel
Intelsat Corporation

cc: Robert Nelson
Kathryn Medley
Stephen Duall