

S2387 SAT-STA-20110127-00017 IB2011000264
Intelsat License LLC
Galaxy 15

File # SAT-STA-20110127-00017

Call Sign S2387 Grant Date 02/01/11

(or other identifier)

Term Dates Period of
From 02/02/11 To: 30 days

GRANTED*

International Bureau

* with conditions

Approved by OMB
3060-0678

Approved: *Stephen J. Duall*

Stephen J. Duall
Chief, Satellite Policy Branch

Date & Time Filed: Jan 27 2011 12:16:22:236PM
File Number: SAT-STA-20110127-00017
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 Further Extension of Special Temporary Authority for Galaxy 15, Call Sign S2387

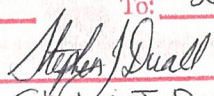
1. Applicant

Name:	Intelsat License LLC	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-20110127-00017
Call Sign S2387
February 1, 2011

The request of Intelsat License LLC (Intelsat) for special temporary authority for a period of 30 days, commencing February 2, 2011, to conduct telemetry, tracking, and telecommand (TT&C) operations with the Galaxy 15 space station (Call Sign S2387) outside the $\pm 0.05^\circ$ east/west station-keeping box previously authorized for Galaxy 15 is granted.¹ Specifically, Intelsat is authorized to conduct TT&C using the following frequencies: 6420.5 MHz (V) and 6420.5 MHz (RHC) (Earth-to-space); 4198.0 MHz (H), 4199.875 MHz (H), 4198.0 MHz (LHC) and 4199.875 MHz (LHC) (space-to-Earth). This authorization shall be in accordance with the technical specifications set forth in Intelsat's application, Federal Communication Commission (Commission) rules, and the following conditions:

1. Intelsat 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, Intelsat 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 Intelsat's own risk.
4. 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 *with conditions	File #	SAT-STA-20110127-00017		
	Call Sign	S2387	Grant Date	02/01/11
	(or other identifier)		Term Dates	period of
	From	02/02/11	To:	30 days
	Approved:	 Stephen J. Duall Chief, Satellite Policy Branch		

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

2. Contact			
Name:	Susan H. Crandall	Phone Number:	202-944-7848
Company:		Fax Number:	202-944-7870
Street:	c/o Intelsat Corporation	E-Mail:	susan.crandall@intelsat.com
	3400 International Drive, N.W.		
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?			
☒ 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			7. Requested Extended Expiration Date 2011-03-03 00:00:00.0

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.) Intelsat License LLC, pursuant to Section 25.120 of the rules of the Federal Communications Commission, herein requests an additional 30 days, from February 2, 2011 through March 3, 2011, of the Special Temporary Authority previously granted PanAmSat to conduct TT&C operations on the Galaxy 15 satellite (call sign S2387) outside of the +/-					
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. <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 colspan="2">Attachment 3:</td> </tr> </table>		Attachment 1: STA Request	Attachment 2:	Attachment 3:	
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).					

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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

Intelsat License LLC, pursuant to Section 25.120 of the rules of the Federal Communications Commission, herein requests an additional 30 days, from February 2, 2011 through March 3, 2011, of the Special Temporary Authority previously granted PanAmSat to conduct TT&C operations on 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.

January 27, 2011



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

Re: Request for Further Extension of Special Temporary Authority for
Galaxy 15, Call Sign S2387

Dear Ms. Dortch:

Intelsat License LLC ("Intelsat")¹, pursuant to Section 25.210 of the rules of the Federal Communications Commission ("FCC" or "Commission"),² herein requests an additional 30 days, from February 2, 2011 through March 3, 2011, of the Special Temporary Authority ("STA")³ previously granted PanAmSat to conduct Telemetry, Tracking and Command (TT&C) operations on 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 Commission's rules.⁴

¹ The licenses previously held by PanAmSat Licensee Corp. ("PanAmSat") recently have been assigned to Intelsat License LLC. See Letter from Jennifer Hindin to Marlene H. Dortch, Notification of Consummation of *Pro Forma* Assignment and Transfer of Control and Name Change, File Nos. SES-ASG-20101203-01501, SES-ASG-20101206-01502, SES-T/C-20101203-01503, SES-ASG-20101203-01504, SES-ASG-20101206-01512, SAT-ASG-20101203-00251, SAT-ASG-20101203-00252, SAT-T/C-20101203-00253, SAT-T/C-20101203-00254, and 0004520968 (filed Jan. 18, 2011).

² 47 C.F.R. § 25.210.

³ Intelsat has filed this STA request, an FCC Form 159 and an \$830.00 filing fee electronically via the International Bureau's Filing System.

⁴ 47 C.F.R. § 25.210(j). See *Policy Branch Information; Actions Taken*, Report No. SAT-00750, File No. SAT-STA-20101228-00268 (Jan. 14, 2011) (Public Notice); *Policy Branch Information; Actions Taken*, Report No. SAT-00741, File No. SAT-STA-20101129-00248 (Dec. 3, 2010) (Public Notice); *Policy Branch Information; Actions Taken*, Report No. SAT-00735, File No. SAT-STA-20101029-00227 (Nov. 5, 2010) (Public Notice); *Policy Branch Information; Actions Taken*, Report No. SAT-00727, File No. SAT-STA-20100929-00203 (Oct. 8, 2010) (Public Notice); *Policy Branch Information; Actions Taken*, Report No. SAT-00720, File No. SAT-STA-20100830-00185 (Sep. 10, 2010) (Public Notices); *Policy Branch Information; Actions Taken*,

As the Commission is aware, on April 5, 2010, the Galaxy 15 satellite suffered an anomaly of unknown origin. Due to this anomaly, the satellite drifted outside of its authorized $\pm 0.05^\circ$ East/West station-keeping box pursuant to STA.⁵

On December 23, 2010, Galaxy 15 lost Earth lock, all power drained from its battery, and the command unit reset, as it was designed to do.⁶ Shortly thereafter, Galaxy 15 began accepting commands and Intelsat began receiving telemetry from the satellite. The satellite initially was placed in Sun acquisition mode for diagnostic testing. On December 27, 2010, after the spacecraft's batteries were fully charged and the satellite was thermally balanced, Galaxy 15 was placed in Earth acquisition mode.

Currently, Galaxy 15 is located at 93.0° W.L. where it is collocated with Intelsat's Galaxy 25, which is operated at 93.10° W.L. Intelsat is in-orbit testing Galaxy 15 at 93.0° W.L. to determine the functionality of every aspect of the satellite.⁷ During the duration of this requested STA extension period, Intelsat will utilize only the satellite's TT&C frequencies⁸ unless operation of the communications frequencies is separately authorized.

Report No. SAT-00715, File No. SAT-STA-20100803-00172 (Aug. 13, 2010) (Public Notice); *Policy Branch Information; Actions Taken*, Report No. SAT-00706, File No. SAT-STA-20100628-00149 (Jul. 9, 2010) (Public Notice); *Policy Branch Information; Actions Taken*, Report No. SAT-00698, File No. SAT-STA-20100601-00118 (Jun. 11, 2010) (Public Notice); *Policy Branch Information; Actions Taken*, Report No. SAT-00687, File No. SAT-STA-20100430-00087 (rel. May 7, 2010); *Policy Branch Information; Actions Taken*, Report No. SAT-00682, File No. SAT-STA-20100409-00071 (Apr. 16, 2010) (Public Notice).

⁵ See *supra* n.4.

⁶ The satellite's communications payload had earlier shut off as a result of power loss.

⁷ See *Policy Branch Information; Actions Taken*, Report No. SAT-00751, File No. SAT-STA-20110107-00007 (Jan. 21, 2011) (Public Notice).

⁸ The specific TT&C frequencies are: 6420.5 MHz (V) and 6424.5 MHz (RHC) (uplink) and 4198.0 MHz (H), 4199.875 (H), 4198.0 (LHC), and 4199.875 (LHC) (downlink).

Ms. Marlene H. Dortch

January 27, 2011

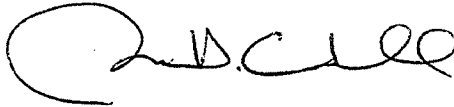
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Grant of this STA further extension request is in the public interest. The Commission may grant waiver for good cause shown.⁹ The Commission typically grants a waiver where the particular facts make strict compliance inconsistent with the public interest.¹⁰ 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.¹¹ 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, Intelsat was unable to comply with the requirements of Section 25.210(j) of the Commission's rules. Now that Intelsat is able to command Galaxy 15, it will ensure the satellite's safe station-keeping at the 93.0° W.L. location pending completion of in-orbit testing and a determination of the satellite's future role in the Intelsat fleet.

For the reasons set forth herein, Intelsat respectfully requests that the Commission expeditiously grant this STA further extension request.

Sincerely,



Susan H. Crandall
Assistant General Counsel
Intelsat Corporation

cc: Robert Nelson
Karl Kensinger
Kathryn Medley
Stephen Duall

⁹ 47 C.F.R. § 1.3.

¹⁰ *N.E. Cellular Tel. Co. v. FCC*, 897 F.2d 1164, 1166 (D.C. Cir. 1990) ("*Northeast Cellular*").

¹¹ *WAIT Radio v. FCC*, 418 F.2d 1153, 1159 (D.C. Cir. 1969); *Northeast Cellular* 897 F.2d at 1166.