

S2461 SAT-STA-20100224-00035 IB2010000709  
PanAmSat Licensee Corp.

Date & Time Filed: Feb 24 2010 5:16:33:096PM  
File Number: SAT-STA-20100224-00035  
Callsign:

File # SAT-STA - 2010 0224 - 00035

Call Sign S2461 Grant Date 03/08/10

(or other identifier)

Term Dates From 02/27/10 To: 03/13/10

Approved by OMB  
3060-0678

Approved: *Stephen J. Duell*

Stephen J. Duell  
Chief, Satellite Policy Branch

\* subject to conditions  
imposed in SAT-STA - 20100205 - 00022



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 Further Extension of STA to Conduct Emergency Operations for Intelsat 4 S2461

I. 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		

2. Contact	
<b>Name:</b> Susan H. Crandall	<b>Phone Number:</b> 202-944-7848
<b>Company:</b> 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 SATSTA2010021200026 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 checked="" type="radio"/> Extend Expiration Date
	<input type="radio"/> Other
6. Temporary Orbit Location	
7. Requested Extended Expiration Date	
2010-03-13 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.)

PanAmSat Licensee Corp., pursuant to Section 25.120 of the rules of the Federal Communications Commission, herein requests another two-week extension, through March 13, 2010, of the Special Temporary Authority previously requested to conduct emergency operations for the Intelsat 4 satellite, Call Sign S2461.

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.**

February 24, 2010

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



Re: Request for Further Extension of Special Temporary Authority to  
Conduct Emergency Operations for the Intelsat 4 Satellite, Call Sign  
S2461

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 another two-week extension – through March 13, 2010 – of the Special Temporary Authority ("STA") previously requested to conduct emergency operations for the Intelsat 4 satellite (Call Sign S2461).<sup>2</sup>

As PanAmSat previously has informed the International Bureau ("Bureau") staff, on Sunday January 31, 2010 the Intelsat 4 satellite experienced an anomaly. PanAmSat was able, over the next few days, to command the satellite's thrusters and take the satellite to a distance above the station-keeping box of operational satellites.

The Intelsat 4 satellite is currently 170 km above geosynchronous altitude. PanAmSat and Boeing Space and Intelligence Systems, the manufacturer of Intelsat 4, have completed analyzing the anomaly and assessing the health of the satellite. PanAmSat is continuing to de-orbit the satellite. PanAmSat estimates that there is enough fuel left on the satellite to achieve a much higher de-orbit altitude.<sup>3</sup>

---

<sup>1</sup> 47 C.F.R. § 25.120.

<sup>2</sup> See *PanAmSat Licensee Corp. Request for Special Temporary Authority to Conduct Emergency Operations for the Intelsat 4 Satellite, Call Sign S2461*, File No. SAT-STA-20100205-00022 (filed Feb. 5, 2010); *PanAmSat Licensee Corp. Request for Extension of Special Temporary Authority to Conduct Emergency Operations for the Intelsat 4 Satellite, Call Sign S2461*, File No. SAT-STA-20100212-00026 (filed Feb. 12, 2010).


<sup>3</sup> As a satellite launched prior to March 18, 2002, the minimum perigee requirements for decommissioning set forth in Section 25.283(a) of the Commission's rules do not apply to Intelsat 4. See 47 C.F.R. § 25.283(a).

Ms. Marlene H. Dortch, Secretary  
February 24, 2010  
Page 2

Grant of this STA further extension request is in the public interest. PanAmSat's emergency operations in response to the extraordinary and unforeseen anomaly on Intelsat 4 have minimized the potential for harm to other geostationary satellite operators. PanAmSat acted as soon as practicable to move Intelsat 4 to a reasonable altitude above the geostationary arc given the impact of the anomaly on the company's ability to command the spacecraft. PanAmSat's continued de-orbit operations will further facilitate the safe disposal of Intelsat 4.

For the reasons set forth herein, PanAmSat respectfully requests that the Commission expeditiously grant this request for further extension of special temporary authority to conduct emergency operations for the Intelsat 4 satellite.

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: Bob Nelson  
Karl Kensinger  
Kathryn Medley  
Stephen Duall  
Sankar Persaud