

PAS-2R SAT-STA-20110110-00009 IB2011000089  
INTELSAT LICENSE LLC  
INTELSAT 3R

Date & Time Filed: Jan 10 2011 5:12:36:273PM  
File Number: SAT-STA-20110110-00009  
Callsign:

Approved by OMB  
3060-0678

**File #** SAT-STA-20110110-00009  
**Call Sign** PAS-2R  
**Grant Date** 06/15/11  
**Term Dates** Period of 30 days  
**From** 06/15/11  
**To:**  
**Approved:** *Stephen J. Duall*  
Stephen J. Duall  
Chief, Satellite Policy Branch



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 180-Day Extension of STA for Intelsat 3R (Call Sign PAS-2R)

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		

**Attachment to Grant**  
**IBFS File No. SAT-STA-20110110-00009**  
**Call Sign PAS-2R**

The application of Intelsat License LLC (formerly PanAmSat Licensee Corp.)(Intelsat) for special temporary authority, IBFS File No. SAT-STA-20110110-00009, is granted for a period of 30 days.<sup>1</sup> Accordingly, Intelsat is authorized for a period of 30 days, commencing June 15, 2011, to conduct Telemetry, Tracking, and Telecommand (TT&C) operations necessary to operate the Intelsat 3R space station (Call Sign PAS-2R) at the 81.0° W.L. orbital location using the following frequencies:

Earth-to-space: 6424.5 MHz (horizontal polarization), 5925.5 MHz (horizontal polarization)

space-to-Earth: 4198.5 MHz (horizontal and vertical polarization), 4199 MHz (horizontal and vertical polarization)

In addition, Intelsat is authorized to provide Fixed-Satellite Service for a period of 30 days via the Intelsat 3R space station from the 81.0° W.L. orbital location in accordance with International Telecommunication Union (ITU) filings of the Administration of Argentina in the following frequency bands: 3700-4200 MHz (space-to-Earth), 5925-6425 MHz (Earth-to-space), 11.7-12.2 GHz (space-to-Earth), and 14.0-14.5 GHz (Earth-to-space). These operations are authorized in accordance with the technical specifications set forth in PanAmSat's application, the Federal Communication Commission's rules, and the following conditions:

1. All operations shall be on an unprotected and non-harmful interference basis, *i.e.*, Intelsat shall not cause harmful interference to, and shall not claim protection from interference caused to it by, any other lawfully operating station.
2. In the event of any harmful interference, Intelsat shall cease operations immediately upon notification of such interference, and shall inform the Commission, in writing, immediately of such an event.
3. Intelsat shall maintain full operational control of Intelsat 3R at all times.
4. While at the 81.0° W.L. orbital location, Intelsat shall maintain the Intelsat 3R spacecraft with an east/west longitudinal station-keeping tolerance of +/- 0.05 degrees.
5. This authorization is issued on the express understanding that, to the extent Intelsat and its affiliated companies, pursuant to any arrangement with EMPRESA ARGENTINA DE SOLUCIONES SATELITALES SOCIEDAD ANONIMA AR-SAT, and its affiliated companies, will conform its operations to any parameters agreed to in coordination agreements

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<sup>1</sup> Although Intelsat sought special temporary authority to continue to operate Intelsat 3R at the 81.0° W.L. orbital location for a period of 180 days, Intelsat has been granted authority to dispose of the Intelsat 3R space station in July 2011. See IBFS File No. SAT-STA-20110503-00083 (grant stamp, dated June 15, 2011). Accordingly, we find that a grant of 30 days is more consistent with the actual remaining operations of Intelsat 3R at 81.0° W.L. The operations of Intelsat 3R at 81.0° W.L. from January 30, 2011, through June 15, 2011, are addressed through a series of separate 30-day STA requests. See IBFS File Nos. SAT-STA-20110223-00032, SAT-STA-20110325-00063, SAT-STA-20110426-00078, and SAT-STA-20110519-00092.

**Attachment to Grant**  
**IBFS File No. SAT-STA-20110110-00009**  
**Call Sign PAS-2R**

between the Administration of Argentina and other Administrations, responsibility for both compliance with, and enforcing compliance with, those arrangements and agreements is a matter that would arise under private law.

6. This authorization is issued with the understanding that this grant is not an approval of any specific arrangement entered into by Intelsat, its subsidiaries and affiliates, nor of any specific provision of any such arrangement concerning operation of the Intelsat 3R space station, nor is this grant an approval of an arrangement/agreement concerning any related matter, nor of any specific provision of any such arrangement/agreement concerning any related matter.

7. This authorization is issued with the understanding that the United States remains the licensing Administration of the Intelsat 3R space station and its communications payloads, for purposes of ITU Radio Regulation 18.1, and that any operations of Intelsat 3R at the 81.0° W.L. orbital location are pursuant to ITU Radio 4.4.

8. This authorization is issued with the understanding that, with respect to its filings with the ITU for the 81.0° W.L. orbital location, the Administration of Argentina is not acting pursuant to Article 9 of the Radio Regulations on behalf of the United States Administration.

9. This authorization is issued with the understanding that this grant does not in any way express a view concerning, or agreement as to, the validity or lack of validity of any ITU filing at or within the vicinity of the 81.0° W.L. orbital location.

10. In connection with the provision of service in any particular country, Intelsat is obliged to comply with the applicable laws, regulations, rules, and licensing procedures of that country.

11. Grant of this authorization does not convey to Intelsat any authority to operate a space station at the 81.0° W.L. orbital location beyond the term granted herein, nor any priority in the United States satellite licensing process relative to applications for authority to operate a regularly authorized satellite at this orbital position.

12. Grant of this special temporary authorization does not constitute a finding pursuant to Section 25.161(c) of the Commission's rules.

13. Grant of this special temporary authorization is without prejudice to any decision regarding Intelsat's ability to file an application for authorization to operate a replacement space station in the 11.7-12.2 GHz, 12.5-12.75 GHz, and 14.0-14.5 GHz frequency bands at the 43° W.L. orbital location. Grant of this special temporary authorization does not constitute an announcement that these frequencies are available for reassignment.


14. Any action taken or expense incurred as a result of operations pursuant to this special temporary authority is solely at Intelsat's own risk.

15. This authorization is not one relating to an "activity of a continuing nature" for purposes of Section 1.62 of the Commission's rules, 47 C.F.R. § 1.62, and Section 558(c) of the

**Attachment to Grant**  
**IBFS File No. SAT-STA-20110110-00009**  
**Call Sign PAS-2R**

Administrative Procedure Act, 5 U.S.C. § 558(c). Continuation of operations beyond the term of this authorization will require prior affirmative authorization by the FCC.

16. This action is issued pursuant to the Section 0.261 of the Commission's rules on delegated authority, 47 C.F.R. § 0.261, and is effective immediately.

 <b>GRANTED*</b> International Bureau *with conditions	<b>File #</b> <u>SAT-STA-20110110-00009</u>
	<b>Call Sign</b> <u>PAS-2R</u> <b>Grant Date</b> <u>06/15/11</u> (or other identifier)
	<b>Term Dates</b> period of <b>From</b> <u>06/15/11</u> <b>To:</b> <u>30 days</u>
	<b>Approved:</b> <u>Stephen J. Duall</u> Stephen J. Duall Chief, Satellite Policy Branch

2. Contact	
<b>Name:</b> Susan H. Crandall	<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 checked="" type="radio"/> Extend Expiration Date
	<input type="radio"/> Other
6. Temporary Orbit Location 43.1 W.L.	7. Requested Extended Expiration Date 2011-07-31 00:00:00.0

<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. herein requests a 180-day extension, from March 1, 2011 through August 27, 2011, of the Special Temporary Authority previously granted PanAmSat to operate Intelsat 3R (call sign PAS-2R) temporarily at 81.0 W.L. in accordance with the ITU filings of the Argentine Administration in the C- and Ku-bands. In addition, PanAmSat seeks to</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 1.2002(b) for the meaning of "party to the application"; for these purposes.</p> <p style="text-align: right;"> <input checked="" type="radio"/> Yes      <input type="radio"/> No         </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 style="text-align: center;"><b>WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND / OR IMPRISONMENT</b>          (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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## **8. Description**

PanAmSat Licensee Corp. herein requests a 180-day extension, from March 1, 2011 through August 27, 2011, of the Special Temporary Authority previously granted PanAmSat to operate Intelsat 3R (call sign PAS-2R) temporarily at 81.0 W.L. in accordance with the ITU filings of the Argentine Administration in the C- and Ku-bands. In addition, PanAmSat seeks to extend the license term of the Intelsat 3R satellite through July 31, 2011.



January 10, 2011

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



Re: Request for 180-Day Extension of Special Temporary Authority  
for Intelsat 3R and Extension of License Term  
Call Sign: PAS-2R

Dear Ms. Dortch:

PanAmSat Licensee Corp. ("PanAmSat") herein requests a 180-day extension—from March 1, 2011 through August 27, 2011—of the Special Temporary Authority ("STA")<sup>1</sup> previously granted PanAmSat to operate Intelsat 3R (call sign PAS-2R) temporarily at 81.0° W.L. in accordance with the Argentine Administration's ITU filings in the C- and Ku-bands.<sup>2</sup> In addition, PanAmSat seeks to extend the license term of the Intelsat 3R satellite through July 31, 2011. Given that the existing STA to operate Intelsat 3R at 81° W.L. expires on January 30, 2011, PanAmSat separately will file a request for 30-day STA—from January 31, 2011 through February 28, 2011—to avoid any lapse in authority pending public notice of this 180-day STA request.<sup>3</sup>

In 2009, the estimated fuel on the Intelsat 3R satellite resulted in a planned de-orbit date in early-to-mid 2010. PanAmSat has since extended the satellite's estimated End of Maneuver Life through July 2011 after an annual fuel usage evaluation.

Grant of this STA extension request is in the public interest because it will allow PanAmSat to continue to meet customer demand at 81.0°

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<sup>1</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>2</sup> See *Policy Branch Information; Actions Taken*, Report No. SAT-00713, File No. SAT-STA-20100402-00063 (Aug. 6, 2010); See *PanAmSat Licensee Corp., Request for Special Temporary Authority for Intelsat 3R (Call Sign PAS-2R)*, File No. SAT-STA-20100402-00063 (filed Apr. 2, 2010) (stamp grant with conditions Aug. 3, 2010).

<sup>3</sup> See 47 C.F.R. § 25.120 (establishing grants of special temporary authority for 30 days without public notice).

W.L. Continued operation of Intelsat 3R will also allow PanAmSat to maximize the utility of its in-orbit assets.

Grant of this STA extension request will not result in increased risk of harmful interference. PanAmSat will continue operating the satellite's communications payload at 81.0° W.L. in accordance with Argentina's C- and Ku-band ITU filings. PanAmSat incorporates by reference its previously-filed letters demonstrating its authority to operate Intelsat 3R at 81.0° W.L.<sup>4</sup>

PanAmSat also seeks authority to extend the license term of the Intelsat 3R satellite through July 31, 2011. The Intelsat 3R satellite was launched and placed into service on February 1, 1996.<sup>5</sup> Pursuant to the satellite's fifteen year license term, this authorization will expire on February 1, 2011.<sup>6</sup>

Grant of this application is consistent with the Commission's end-of-life rules. PanAmSat anticipates that Intelsat 3R has sufficient fuel to continue providing service to customers through July 31, 2011. At that time, based on standard industry fuel gauging methods, PanAmSat anticipates having adequate fuel to de-orbit the Intelsat 3R satellite to a perigee altitude of 150 km above the geostationary arc. Finally, the requested license extension of approximately six months for the Intelsat 3R satellite is consistent with precedent for satellites that are performing well.<sup>7</sup>

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<sup>4</sup> See *PanAmSat Licensee Corp., Request for Special Temporary Authority for Intelsat 3R (Call Sign PAS-2R)*, File No. SAT-STA-20100402-00063 at Attachments 1 and 2 (filed Apr. 2, 2010).

<sup>5</sup> See Letter from Joseph A. Godles to Marlene H. Dortch, PanAmSat Licensee Corp. Annual Status Report at 5 (filed June 30, 2005).

<sup>6</sup> See 47 C.F.R. § 25.121(a).

<sup>7</sup> See, e.g. *SES Americon, Inc., Application for Modification of the Satcom C-3 License to Extend the License Term*, File No. SAT-MOD-20080318-00073 (stamp grant June 11, 2008) (granting three year extension of license term); *PanAmSat Licensee Corp., SBS-6 Modification to Extend License Term*, File No. SAT-MOD-20051020-00204 (stamp grant Aug. 17, 2006) (granting five year extension of license term).

Ms. Marlene H. Dortch  
January 10, 2011  
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For the reasons set forth herein, PanAmSat respectfully requests that the Commission grant this STA extension request and extend the license period through July 31, 2011.

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 a long, sweeping underline.

Susan H. Crandall  
Assistant General Counsel  
Intelsat Corporation

cc: Robert Nelson  
Karl Kensinger  
Kathym Medley  
Stephen Duall