

SAT-STA-20091202-00137
PanAmSat Licensee Corp. IB2009007843

File # SAT-STA-20091202-00137

Call Sign S2368 Grant Date 12/16/09

(or other identifier) Term Dates

From 12/17/09 To: 30 days

Approved by OMB
3060-0678



*subject to conditions

Date & Time Filed: Dec 2 2009 5:05:29:060PM
File Number: SAT-STA-20091202-00137
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 to Drift Intelsat IR to, and Operate it at, 50.0 W.L. (S2368)

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-20091202-00137
Call Sign S2368

The application of PanAmSat Licensee Corp. (PanAmSat), IBFS File No. SAT-STA- 20091202-00137, for special temporary authority to drift the Intelsat 1R space station (Call Sign S2368) from the 45.0° W.L. orbital location to the 50.0° W.L. orbital location and to temporarily operate Intelsat 1R at the 50.0° W.L. orbital location is GRANTED. Accordingly, PanAmSat is authorized for a period of 30 days, commencing on December 17, 2009, to conduct Telemetry, Tracking, and Command operations using the following frequencies:

Earth-to-space: 13.995 GHz (horizontal and vertical polarization) and 14.4985 GHz (left-hand circular polarization)

Space-to-Earth: 11.696 GHz (horizontal, vertical, and left-hand circular polarization) and 11.697 GHz (horizontal, vertical, and left-hand circular polarization)

These operations are authorized in accordance with the technical specifications set forth in PanAmSat's application, the Commission's rules, and the following conditions:

1. All operations during the drift shall be on an unprotected and non-harmful interference basis, *i.e.*, PanAmSat shall not cause harmful interference to, and shall not claim protection from, interference cause to it by any other lawfully operating station.
2. In the event of any harmful interference during Intelsat 1R's drift to the 50.0° W.L. orbital location, PanAmSat shall cease operations immediately upon notification of such interference, and shall inform the Commission, in writing, immediately of such an event.
3. During the drift to the 50.0° W.L. orbital location, PanAmSat may not operate Intelsat 1R's communications payload.
4. Any action taken or expense incurred as a result of operations pursuant to this special temporary authority is solely at PanAmSat's own risk.
5. Grant of this authorization is without prejudice to any determination that the Commission may make regarding permanent operations of the Intelsat 1R space station at the 50.0° W.L. orbital location.
6. PanAmSat is afforded thirty days from the date of release of this grant and authorization to decline this authorization as conditioned. Failure to respond within this period will constitute formal acceptance of the authorization as conditioned.
7. 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. Petitions for reconsideration under Section 1.106 or applications for review under Section 1.115 of the Commission's rules, 47 C.F.R. §§ 1.106, 1.115, may be filed within 30 days of the date of the public notice indicating that this action was taken.



*subject to conditions

File # SAT-STA-20091202-00137

Call Sign S2368 Grant Date 12/16/09
(or other identifier)

Term Dates From 12/17/09 To: period of 30 days

Approved: Stephen J. Duall

Stephen J. Duall
Chief, Satellite Policy Branch

2. Contact	
Name:	PanAmSat Licensee Corp. Phone Number: 202-944-7848
Company:	Fax Number: 202-944-7870
Street:	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 SATAMD2009111300122 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).	
<input type="radio"/> Governmental Entity	Noncommercial educational licensee
<input checked="" type="radio"/> Other (please explain):	
4b. Fee Classification CRY - Space Station (Geostationary)	
5. Type Request	
<input checked="" type="radio"/> Change Station Location	Extend Expiration Date 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. herein requests a grant of Special Temporary Authority for 30 days, beginning December 17, 2009 to drift Intelsat 1R from 45.0 W.L. to 50.0 W.L. and operate temporarily at the 50.0 W.L. location. PanAmSat has a pending application to modify the license of Intelsat 1R to allow it to relocate the satellite to, and operate it</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: center;"> <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>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>					

FCC NOTICE REQUIRED BY THE PAPERWORK REDUCTION ACT

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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. herein requests a grant of Special Temporary Authority for 30 days, beginning December 17, 2009 to drift Intelsat 1R from 45.0 W.L. to 50.0 W.L. and operate temporarily at the 50.0 W.L. location. PanAmsat has a pending application to modify the license of Intelsat 1R to allow it to relocate the satellite to, and operate it in the C- and Ku-bands at, 50.0 W.L., where it will temporarily be co-located with Intelsat 705.

December 2, 2009

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



Re: Request for Special Temporary Authority for Intelsat 1R
Call Sign: S2368

Dear Ms. Dortch:

PanAmSat Licensee Corp. ("PanAmSat") herein requests Special Temporary Authority ("STA")¹ for 30 days beginning December 17, 2009 to drift Intelsat 1R from 45.0° W.L. to 50.0° W.L. and operate temporarily at the 50.0° W.L. location. PanAmSat has a pending application to modify Intelsat 1R's license to allow it to relocate the satellite to, and operate it in the C- and Ku-bands at, 50.0° W.L.², where it will temporarily be co-located with Intelsat 705.³ Initially, in order to ease the transition of customers from Intelsat 705 to Intelsat 1R, Intelsat 1R will operate at 50.0° W.L. in inclined orbit mode, but will return to station-kept mode once Intelsat 705 is relocated.

PanAmSat expects to have Intelsat 1R at 50.0° W.L. within two weeks of beginning the drift. During the drift, PanAmSat will utilize only Intelsat 1R's TT&C frequencies and will follow industry practices for coordinating TT&C transmissions during the relocation process. The specific TT&C frequencies are as follows:

Uplink:

13.995 GHz (H)
13.995 GHz (V)
14.4985 GHz (LHCP)

¹ Intelsat has filed this STA request, an FCC Form 159 and an \$830.00 filing fee electronically via the International Bureau's Filing System.

² See *Policy Branch Information; Satellite Space Applications Accepted for Filing*, Report No. SAT-00647, File Nos. SAT-MOD-20090720-00073; SAT-AMD-20090820-00091; SAT-AMD-20091113-00122 (Nov. 20, 2009) (Public Notice).

³ Subject to receipt of FCC approval, Intelsat 705 will be relocated between mid-February and early March 2010.

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Downlink:

11.696 GHz (V)
11.696 GHz (H)
11.696 GHz (LHCP)

11.697 GHz (V)
11.697 GHz (H)
11.697 GHz (LHCP)

Grant of this STA request is in the public interest because it will facilitate PanAmSat's provision of continuity of service to customers at 50.0° W.L. Grant of the STA also will serve the public interest by affording the Commission additional time to complete its review of PanAmSat's pending modification application to relocate Intelsat 1R to, and operate at, 50.0° W.L. Because the pending modification application only recently went on Public Notice, it may not be granted by December 17, 2009. PanAmSat understands and accepts that a grant of STA would not prejudice the Commission's determination of PanAmSat's request to operate Intelsat 1R at 50.0° W.L. on a permanent basis, and any drift /operation of the satellite at that location pursuant to STA would be at PanAmSat's risk.

Grant of this STA request will not result in increased risk of harmful interference. As noted above, PanAmSat will operate only TT&C frequencies during the drift and will coordinate its TT&C transmissions with operators of satellites in the drift path. Should any interference occur during the drift, PanAmSat will take all reasonable steps to eliminate such interference. At the 50.0° W.L. location, PanAmSat will operate the satellite's communications payload in conformance with its coordination agreements covering the location.

PanAmSat has assessed and limited the probability of the space station becoming a source of debris as a result of collisions with large debris or other operational space stations. Except for Intelsat 705, Intelsat 1R will not be located at the same orbital location as another satellite or at an orbital location that has an overlapping station-keeping volume with another satellite.⁴ Further, PanAmSat is not aware of any other FCC licensed system, or any other system applied for and under consideration by the FCC, having an

⁴ Intelsat 1R and Intelsat 705 will be operated in the same east/west station-keeping box until Intelsat 705 is relocated.

Ms. Marlene H. Dortch
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overlapping station-keeping volume with Intelsat 1R at 50.0° W.L. Finally, PanAmSat is not aware of any system with an overlapping station-keeping volume with Intelsat 1R that is the subject of an ITU filing and that is either in orbit or progressing towards launch.

For the reasons set forth herein, PanAmSat respectfully requests that the Commission expeditiously grant this request.

Sincerely,

A handwritten signature in black ink, appearing to read "S. H. Crandall", written in a cursive style.

Susan H. Crandall
Assistant General Counsel
Intelsat Corporation

cc: Bob Nelson
Kathryn Medley
Stephen Duall