

SAT-STA-20100331-00061

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PanAmSat Licensee Corp.

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File # SAT-STA-2010 0331-00061

Call Sign S2422 Grant Date 04/06/10

(or other identifier)

Term Dates period of 60 days Approved by OMB 3060-0678

From 04/06/10 To:

Approved: Stephen J. Duall

Stephen J. Duall
Chief, Satellite Policy Branch

*subject to conditions

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 and Operate Galaxy 12 at 129.0 W.L.

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-20100331-00061
Call Sign S2422
April 6, 2010

The request of PanAmSat Licensee Corp. (PanAmSat) for special temporary authority for a period of 60 days in order to drift its C-band space station, Galaxy 12 (Call Sign S2422) to – and to operate the Galaxy 12 space station at – the 129.0° W.L. orbital location, IBFS File No. SAT-STA-20100331-00061, is granted. Accordingly, PanAmSat is authorized, for a period of 60 days commencing on April 6, 2010, to conduct Telemetry, Tracking, and Telecommand (TT&C) operations with the Galaxy 12 space station to effect the drift of the Galaxy 12 space station from the 122.9° W.L. orbital location to the 129.0° W.L. orbital location using the following frequencies: 4198.0 and 4199.875 MHz (Vertical/space-to-Earth); 4198.0 and 4199.875 MHz (Left-Hand Circular Polarization/space-to-Earth); 6424.5 MHz (Horizontal/Earth-to-space); and 6425.5 MHz (Right-Hand Circular Polarization/Earth-to-space). Additionally, PanAmSat is authorized to operate the Galaxy 12 space station in the 3700–4200 MHz (space-to-Earth) and 5925–6425 MHz (Earth-to-space) frequency bands to provide fixed-satellite service (FSS) from the 129.0° W.L. orbital location once it arrives at that location. This authorization shall be in accordance with the technical specifications set forth in PanAmSat's application, the Commission's rules, and the following conditions:


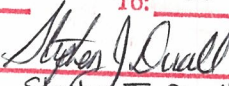
1. All operations during the drift shall be on an unprotected and non-harmful interference basis, *i.e.*, PanAmSat shall not cause harmful interference to, and shall not claim protection from, interference caused to it by any other lawfully operating station.
2. In the event of any harmful interference during Galaxy 12's drift to the 129.0° 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 129.0° W.L. orbital location, PanAmSat may not operate Galaxy 12's communications payload.
4. PanAmSat's operations at the 129.0° W.L. orbital location shall be on a non-harmful interference basis, *i.e.*, PanAmSat shall not cause harmful interference to, and shall not claim protection from, interference caused to it by, any other lawfully operating space station.
5. In the event of any harmful interference during PanAmSat's operations at the 129.0° 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.
6. While at the 129.0° W.L. orbital location, PanAmSat shall maintain the Galaxy 12 spacecraft with an east/west longitudinal station-keeping tolerance of +/- 0.05 degrees.
7. Any action taken or expense incurred as a result of operations pursuant to this special temporary authority is solely at PanAmSat's own risk.

Attachment to Grant
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April 6, 2010

8. Grant of this authorization is without prejudice to any determination that the Commission may make regarding PanAmSat's pending application to modify the authorization of the Galaxy 12 space station in order to re-locate it to the 129.0° W.L. orbital location (IBFS File No. SAT-MOD-20100120-00013).

9. 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.

10. 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.

 GRANTED* International Bureau	File # <u>SAT-STA-20100331-00061</u>
	Call Sign <u>S2422</u> Grant Date <u>04/06/10</u> (or other identifier)
	Term Dates period of From <u>04/06/10</u> To: <u>60 days</u>
	Approved: <u></u>
	Stephen J. Dwall Chief, Satellite Policy Branch

*subject to conditions

2. Contact	
Name: Susan H. Crandall	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 SATMOD2010012000013 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 checked="" type="radio"/> Change Station Location	<input type="radio"/> Extend Expiration Date <input 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. herein requests Special Temporary Authority for 60 days beginning April 15, 2010 to drift Galaxy 12 (call sign S2422) from 122.9 W.L. to 129.0 W.L. and begin operating at 129.0 W.L. PanAmSat has a pending application for permanent authority to redeploy Galaxy 12 to 129.0 W.L., where it will operate in the C-band.</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;">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.

March 31, 2010

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



Re: Request for Special Temporary Authority to Drift and Operate
Galaxy 12
Call Sign S2422

Dear Ms. Dortch:

PanAmSat Licensee Corp. ("PanAmSat") herein requests Special Temporary Authority ("STA")¹ for 60 days beginning April 15, 2010 to drift Galaxy 12 (call sign S2422) from 122.9° W.L. to 129.0° W.L. and begin operating at 129.0° W.L. PanAmSat has a pending application for permanent authority to redeploy Galaxy 12 to 129.0° W.L., where it will operate in the C-band.²

Galaxy 12 is currently licensed to operate at 122.9° W.L.³ Upon receipt of Commission approval, Galaxy 12 will be relocated to 129.0° W.L. where it will replace Galaxy 27 (call sign S2159), which has been authorized to drift to 45.10° E.L.⁴ PanAmSat expects to have Galaxy 12 on-station at 129.0° W.L. within two to three weeks of beginning the drift.

During the drift of Galaxy 12 from 122.9° W.L. to 129.0° W.L., PanAmSat will utilize only the satellite'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:

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-00669, File No. SAT-MOD-20100120-00013 (Mar. 5, 2010) (Public Notice).

³ See *Policy Branch Information; Actions Taken*, Report No. SAT-00553, File No. SAT-MOD-20080630-00133 (Sept. 5, 2008) (Public Notice).

⁴ See *Policy Branch Information; Actions Taken*, Report No. SAT-00672, File No. SAT-STA-20100105-00004 (Mar. 12, 2010) (Public Notice).

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Uplink:

6424.5 MHz (RHCP), (H)

Downlink:

4198 MHz (LHCP), (V)

4199.875 MHz (LHCP), (V)

Grant of this STA request is in the public interest because it will allow PanAmSat to begin drifting Galaxy 12 and operating the satellite at 129.0° W.L. while the Commission completes its consideration of the pending application for permanent authority. In addition, grant will ensure that the 129.0° W.L. location is occupied very shortly after the departure of Galaxy 27. PanAmSat understands and accepts that a grant of this STA would not prejudge the Commission's determination of PanAmSat's request to operate Galaxy 12 at 129.0° W.L. on a permanent basis, and that operation pursuant to this STA is 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 the above listed 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. Once on-station at 129.0° W.L., PanAmSat will operate the communications payload in conformance with its sister company Intelsat's coordination agreements related to the 129.0° W.L. location.

PanAmSat has assessed and limited the probability of the space station becoming a source of debris as a result of collision with large debris or other operational space stations. Galaxy 12 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. 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 overlapping station-keeping volume with Galaxy 12 at 129.0° W.L. Finally, PanAmSat is not aware of any system with an overlapping station-keeping volume with Galaxy 12 at 129.0° W.L. that

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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". The signature is fluid and cursive, with a large initial "S" and a long horizontal stroke at the end.

Susan H. Crandall
Assistant General Counsel
Intelsat Corporation

cc: Robert Nelson
Kathryn Medley
Stephen Duall