

Date & Time Filed: Jun 27 2008 2:54:05:010PM
File Number: SAT-STA-20080627-00132
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:

Application for Special Temporary Authority for Galaxy 12 (S2422) to 122.9 WL

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		



File # SAT-STA-2008062700132

Call Sign S2422 Grant Date 7/1/08
(or other identifier)

Term Dates

From _____ To: _____

Approved: [Signature]

Policy Branch Chief

w/cad...

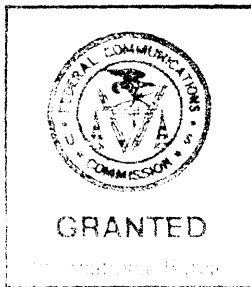
Attachment
File No. SAT-STA-20080627-00132
Call Sign S2422
July 1, 2008

PanAmSat Licensee Corp.'s request, File No. SAT-STA-20080627-00132, is granted. Accordingly, PanAmSat Licensee Corp. (PanAmSat) is authorized, for a period of 60 days commencing on July 1, 2008, to conduct Telemetry, Tracking, and Command (TT&C) operations with the Galaxy 12 satellite to effect the drift of the Galaxy 12 satellite from the 125.1° W.L. orbital location to the 122.9° W.L. orbital location and while operating at the 122.9° W.L. orbital location. During the drift from 125.1° W.L. to 124.0° W.L., PanAmSat is authorized to use 6424.50 MHz (vertical/right-hand-circular polarization) for command, and 4198.0 MHz (horizontal/left-hand-circular polarization), and 4199.875 MHz (horizontal/left-hand-circular polarization) for telemetry. During the drift from 124.0° W.L. to 122.9° W.L. and while operating at the 122.9° W.L. orbital location, PanAmSat is authorized to use 6424.5 MHz (horizontal/right-hand-circular polarization) for command, and 4198.0 MHz (vertical/left-hand-circular polarization) and 4199.875 MHz (vertical/left-hand-circular polarization) for telemetry. This authorization shall be in accordance with the technical specifications set forth in PanAmSat's application, this Attachment, and the Commission's rules and subject to the following conditions:

1. All operations during the drift and while at the 122.9° W.L. orbital location 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 radiocommunication station.
2. In the event of any harmful interference during Galaxy 12's drift to the 122.9° W.L. orbital location, or while at the 122.9° W.L. orbital location, PanAmSat shall cease operations immediately upon notification of such interference and PanAmSat shall inform the FCC in writing within three days of such an event.
3. During the drift to the 122.9° W.L. orbital location, PanAmSat may not operate Galaxy 12's communications payload.
4. Once Galaxy 12 has arrived at the 122.9° W.L. orbital location, we authorize PanAmSat to operate the C-band payload using the 3700-4200 MHz downlink (space-to-Earth) and 5925-6425 MHz uplink (Earth-to-space) frequency bands for a period of 72 hours in the event that emergency restoration service for Galaxy 18 becomes necessary.
5. While at the 122.9° W.L. orbital location, PanAmSat shall maintain the Galaxy 12 spacecraft with an east/west longitudinal station-keeping tolerance of 0.05 degrees.
6. This grant of special temporary authority is without prejudice to any action on IBFS File No. SAT-MOD-20080630-00133.

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

8. 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.



w/conditions

File # SAT-STA-20080627-00132

Call Sign 32422 Grant Date 7/1/08
(or other identifier)

Term Dates

From _____ To _____

Approved [Signature]
Policy Branch Chief

2. Contact	
Name: Susan H. Crandall	Phone Number: 202-944-7848
Company: 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 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 122.9 WL	7. Requested Extended Expiration Date

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 requests Special Temporary Authority (STA) to drift Galaxy 12 to 122.9 degrees WL and to operate TT&C frequencies during the drift and at that location. PanAmSat also requests STA to operate the Galaxy 12 C-band payload at 122.9 degrees WL for 72 hours if the need to provide emergency restoration service should arise.

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: G12 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).

June 27, 2008

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

Re: Request for Special Temporary Authority for Galaxy 12
Call Sign: S2422

Dear Ms. Dortch:

PanAmSat Licensee Corp. ("PanAmSat") herein requests Special Temporary Authority ("STA")¹ for 60 days beginning immediately to drift the Galaxy 12 (S2422) satellite from 125.10° W.L.² to 122.9° W.L. and to operate the TT&C frequencies specified below during the drift and at that location. PanAmSat also seeks STA to operate the C-band payload on Galaxy 12 at 122.9° W.L. for a period of 72 hours if the need to provide emergency restoration service should arise. The proposed STA will permit PanAmSat to optimize Galaxy 12 as an in-orbit back-up satellite for the western edge of the U.S. arc. PanAmSat soon will file a fleet management notice of modification to allow Galaxy 12's permanent relocation to and operation at 122.9° W.L.

During the drift of Galaxy 12 from 125.10° W.L. to 122.9° W.L., PanAmSat will utilize only TT&C frequencies on the satellite. Those TT&C frequencies are as follows:

From 125.1° W.L. to 124.0° W.L.:

Command: 6424.50 MHz (Vertical/RHCP)
Telemetry: 4198.0 MHz (Horizontal/LHCP)
4199.875 MHz (Horizontal/LHCP)

From 124.0° W.L. to 122.9° W.L.:

Command: 6424.5 MHz (Horizontal/RHCP)
Telemetry: 4198.0 MHz (Vertical/LHCP)
4199.875 MHz (Vertical/LHCP).

¹ PanAmSat has filed this STA request, an FCC Form 159 and a \$790.00 filing fee electronically via the International Bureau's Filing System.

² File No. SAT-MOD-20051206-00262 (grant stamp Jan. 26, 2006 with conditions).

Grant of this STA request will serve the public interest as required under Section 25.120 of the FCC's rules.³ Specifically, grant will enable PanAmSat immediately to commence relocation of the Galaxy 12 in-orbit back-up satellite to the optimal orbital location to ensure continuity of service to customers in the domestic cable arc in the event of an unanticipated satellite outage. More precisely, PanAmSat has determined that relocation of Galaxy 12 to 122.9° W.L. will enable the satellite to best serve as a "hot spare" for the recently launched Galaxy 18 at 123° W.L. and be well positioned to provide back-up service to satellites at the nominal 133° W.L., 127° W.L., 125° W.L., 99° W.L., and 91° W.L. orbital locations. The processing time associated with a request for modification would extend the period of time at which the Galaxy 12 satellite is at a less than optimal back-up location. For these reasons, grant of PanAmSat's request for STA serves the public interest.

Moreover, grant of this STA request will not result in increased risk of harmful interference. At the nominal 123.0° W.L. location, PanAmSat currently operates its recently-launched Galaxy 18 satellite.⁴ As noted above, Galaxy 12 will be operated as a spare and there will be no simultaneous co-frequency operation with respect to Galaxy 18. PanAmSat and its sister company Intelsat North America LLC also operate C-band satellites at the adjacent nominal orbital locations 125° W.L. and 121° W.L. PanAmSat will operate Galaxy 12 at 122.9° W.L. in accordance with existing PanAmSat and Intelsat coordination agreements and the FCC's rules governing operations at the nominal 123.0° W.L. location vis-à-vis adjacent locations.

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

Sincerely,

/s/ Susan H. Crandall

Susan H. Crandall
Assistant General Counsel
Intelsat Corporation

Attachments

cc: Bob Nelson, Karl Kensinger, Steven Spaeth, Andrea Kelly, Kathryn Medley

³ 47 C.F.R. § 25.120.

⁴ *Policy Branch Information; Actions Taken*, Report No. SAT-00477, File No. SAT-RPL-20070222-00035 (Oct. 26, 2007) (Public Notice).

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 jboley@fcc.gov. PLEASE DO NOT SEND COMPLETED FORMS TO THIS ADDRESS.

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