

Approved by OMB
3060-0678

Date & Time Filed: Mar 7 2008 4:25:26:066PM
File Number: SAT-STA-20080307-00060
Callsign: S2715

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:
STA to Drift and Operate Galaxy 17's TT&C at 90.90 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		

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File # SAT-STA-20080307-00060

Callsign S2715 Grant Date 3/14/08
(or other Identifier)

Term Dates
From 3/17/08 To +30 days

[Signature]
Policy Branch Chief

w/conditions

Attachment
File No. SAT-STA-20080307-00060
Call Sign: S2715
March 14, 2008

PanAmSat Licensee Corp.'s request (PanAmSat's), File No.SAT-STA-20080307-00060, IS GRANTED. Accordingly, PanAmSat IS AUTHORIZED, for a period of 30 days, commencing on March 17, 2008, to conduct space station Telemetry, Tracking, Control, and Monitoring (TTC&M) operations necessary to effect the drift of the Galaxy 17 satellite from the 73.95° W.L. orbital location to the 90.90° W.L. orbital location and remain at that location in accordance with the terms, conditions, and technical specifications set forth in its application, this Attachment and the Federal Communications Commission's (Commission) Rules.

1. All operations 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 system.
2. In the event of any harmful interference as a result of PanAmSat's operations during the drift of the Galaxy 17 satellite from the 73.95° W.L. orbital location to the 90.90° W.L. orbital location or while at that 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 of the Galaxy 17 satellite from the 73.95° W.L. orbital location to the 90.90° W.L. orbital location and while at the 90.90° W.L. orbital location, PanAmSat shall not operate the communications payload on the satellite pursuant to this authorization.
4. 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.



File # SAT-STA-20080307-00060

Call Sign S2715 Grant Date 3/14/08
(or other identifier)

Term Dates
From 3/17/08 To: + 30 days

Approved: [Signature]
Policy Branch Chief

2. Contact

Name:	PanAmSat Licensee Corp.	Phone Number:	202-944-7848
Company:		Fax Number:	202-944-7870
Street:	c/o Intelsat Corporation	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 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).
- Governmental Entity Noncommercial educational licensee
- Other (please explain):

4b. Fee Classification CRY - Space Station (Geostationary)

5. Type Request

- Change Station Location Extend Expiration Date Other

6. Temporary Orbit Location
90.90 W.L.

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 Licensee Corp. herein requests a grant of STA for 30 days commencing 03/17/2008 to begin drifting Galaxy 17 from 73.95 W.L. to 90.90 W.L. and to temporarily operate the TT&C frequencies of Galaxy 17 at 90.90 W.L.

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

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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 7, 2008

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



Re: Request for Special Temporary Authority to Drift Galaxy 17 from
73.95° W.L. to 90.90° W.L. and Operate the Satellite's TT&C
Frequencies at 90.90° W.L.
Call Sign: S2715

Dear Ms. Dortch:

PanAmSat Licensee Corp. ("PanAmSat") herein requests a grant of Special Temporary Authority ("STA")¹ for 30 days commencing March 17, 2008 to begin drifting Galaxy 17 from 73.95° W.L. to 90.90° W.L. and to temporarily operate Galaxy 17's TT&C frequencies at 90.90° W.L. In support of its request, PanAmSat submits the following information.

PanAmSat is authorized to operate Galaxy 17 at 91° W.L.² PanAmSat currently plans to have Galaxy 17 replace Galaxy 11, which is operating at that location.

Galaxy 17 is currently located at 73.95° W.L., where PanAmSat is operating only the satellite's TT&C frequencies pursuant to an STA.³ As explained in that STA request, Galaxy 17 may be required to move to 123° W.L. in the event of a delay in, or failure of, the launch of Galaxy 18. Galaxy 18, which is licensed to operate at 123° W.L.,⁴ currently is expected to be launched in early May 2008 by Sea Launch. The satellite currently operating at 123° W.L. – Galaxy 10R – is low on fuel. If the launch of Galaxy 18 is delayed beyond the date that Galaxy 10R must be placed in inclined orbit operations, or if Galaxy 18 suffers a launch failure, then PanAmSat will seek FCC authority to drift Galaxy 17 to 123° W.L. and temporarily operate it at that location in order to ensure continuity of station-kept service for customers currently on Galaxy 10R.

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 See *Policy Branch Information; Actions Taken*, Report No. SAT-00439, File Nos. SAT-RPL-20061219-00155 and SAT-AMD-20070123-00013 (Apr. 27, 2007) (Public Notice).

³ See *Policy Branch Information; Actions Taken*, Report No. SAT-00498, File No. SAT-STA-20080110-00007 (Feb. 1, 2008) (Public Notice).

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

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March 7, 2008
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The launch two launches ahead of Galaxy 18 on the Sea Launch manifest took place as scheduled and Intelsat is fairly confident that the launch ahead of Galaxy 18 will take place in mid-March. As such, PanAmSat seeks authority to begin drifting Galaxy 17 to the nominal 91° W.L. location beginning March 17, 2008.

However, because PanAmSat will not know for certain whether Galaxy 17 is needed at 123° W.L. until after Galaxy 18 is successfully launched, PanAmSat seeks to keep the satellite temporarily at 90.90° W.L. and defer traffic transfer from Galaxy 11 to Galaxy 17. Thus, PanAmSat will operate only Galaxy 17's TT&C frequencies at the 90.90° W.L. location. PanAmSat will not operate Galaxy 17's communications payload until the satellite has moved to 91° W.L. and traffic has been transferred to it from Galaxy 11, all following the successful launch of Galaxy 18. In addition, the placement of Galaxy 17 temporarily at 90.90° W.L. will more easily ensure the safety of both Galaxy 17 and Galaxy 11 while the satellites are collocated at the nominal 91° W.L. orbital location.

During the drift from 73.95° W.L. to 90.90° W.L., and while the satellite is temporarily located at 90.90° W.L., only the following TT&C frequencies will be operated on Galaxy 17: command frequencies 5925.5 MHz (LHCP), 6424.5 MHz (RHCP), 5925.5 MHz (H) and 6424.5 MHz (V); telemetry frequencies 4197.125 MHz (H), 4197.125 MHz (LHCP), 4198.875 MHz (H) and 4198.875 MHz (RHCP).

As noted above, the satellite ahead of Galaxy 18 is scheduled to be launched in mid-March. Should that launch be significantly delayed -- thus significantly delaying the launch of Galaxy 18 -- PanAmSat will know that it needs to deploy Galaxy 17 temporarily at 123° W.L. In that event, PanAmSat will immediately request STA to drift the satellite beyond 90.90° W.L. to 123° W.L. and temporarily operate it at the 123° W.L. location.

All operations of Galaxy 17 at 90.90° W.L. will be in conformance with relevant coordination agreements PanAmSat has reached with other administrations regarding operations at the nominal 91° W.L. location. In addition, PanAmSat will operate in accordance with the FCC's rules designed to allow co-frequency, co-coverage operations in a two-degree spaced environment. As a result of these efforts, PanAmSat's operation of Galaxy 17 at the 90.90° W.L. location poses no risk of harmful interference to adjacent operational satellites.

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Grant of this STA request will serve the public interest by allowing PanAmSat to delay traffic transfer from Galaxy 11 to Galaxy 17 until PanAmSat determines whether the latter is needed at 123° W.L. to ensure continuity of service as a result of a delay in, or failure of, the launch of Galaxy 18.

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

Sincerely,



Susan H. Crandall
Assistant General Counsel
Intelsat Corporation

cc: Robert Nelson
Andrea Kelly
Karl Kensinger
Jabin Vahora