

S2715 SAT-STA-20080428-00092 IB2008000965
PanAmSat Licensee Corp.

Approved by OMB
3060-0678

Date & Time Filed: Apr 28 2008 4:11:28:363PM
File Number: SAT-STA-20080428-00092
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 Extension of STA to Drift Galaxy 17 to and Operate at 122.9 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		

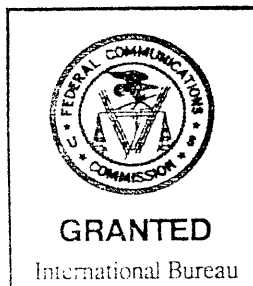


SAT-STA-20080428-00092
 File # SAT-STA-20080523-00114
 Call Sign S2715 Grant Date May 30, 2008
 (or other identifier)
 Term Dates
 From _____ To: June 9, 2008
 Approved: [Signature]
 Policy Branch Chief

Attachment
File Nos. SAT-STA-20080428-00092
SAT-STA-20080523-00114
Call Sign S2715
May 30, 2008

PanAmSat Licensee Corp.'s request, File Nos. SAT-STA-20080428-00092 and SAT-STA-20080523-00114, is granted. Accordingly, PanAmSat Licensee Corp. (PanAmSat) is authorized through and until June 9, 2008 to continue to operate the Galaxy 17 satellite (Call Sign: S2715) at the 122.9° W.L. orbital location in the 5925-6425 MHz (Earth-to-space) and 3700-4200 MHz (space-to-Earth) conventional C-band frequencies, and in the 14.0-14.5 GHz (Earth-to-space) and 11.7-12.2 GHz (space-to-Earth) conventional Ku-band frequencies. Additionally, PanAmSat is authorized to conduct space station Telemetry, Tracking, and Control (TT&C) operations using the 5925.5 MHz (Left Hand Circular Polarization), 6424.5 MHz (Right Hand Circular Polarization), 5925.5 MHz (Horizontal) and 6424.5 MHz (Vertical) command frequencies; and the 4197.125 MHz (Horizontal), 4197.125 MHz (Left Hand Circular Polarization), 4198.875 MHz (Horizontal) and 4198.875 (Right Hand Circular Polarization) telemetry frequencies to effect Galaxy 17's operations at the 122.9° W.L. orbital location. These authorizations shall be in accordance with the technical specifications set forth in its application, this Attachment, and the Commission's rules and subject to the following conditions:

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 station.
2. In the event of any harmful interference as a result of Galaxy 17's operations at the 122.9° 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. While at the 122.9° W.L. orbital location, PanAmSat shall maintain the Galaxy 17 spacecraft with an east/west longitudinal station-keeping tolerance of +/- 0.05 degrees.
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.



SAT-STA-20080428-00092
File # SAT-STA-20080523-00114
Call Sign S:2715 Grant Date May 30, 2008
(or other identifier)
Term Dates
From _____ To: June 9, 2008
Approved: [Signature]
Policy Branch

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

7. Requested Extended Expiration Date
2008-06-02 00:00:00.0

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 30-day extension, until June 2, 2008, of the Special Temporary Authority originally granted PanAmSat to drift Galaxy 17 to 122.9 W.L. and to temporarily operate the satellite at that location.

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).

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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.

April 28, 2008

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



Re: Request for Extension of Special Temporary Authority to Drift Galaxy 17 to, and Operate the Satellite at, 122.9° W.L.
Call Sign: S2715

Dear Ms. Dortch:

PanAmSat Licensee Corp. ("PanAmSat") herein requests a 30-day extension – until June 2, 2008 – of the Special Temporary Authority ("STA")¹ originally granted PanAmSat to drift Galaxy 17 to 122.9° W.L. and to temporarily operate the satellite at that location.² In support of its request, PanAmSat submits the following information.

PanAmSat is authorized to operate Galaxy 17 at 91° W.L.³ PanAmSat currently plans to have Galaxy 17 replace Galaxy 11, which is operating at that location. However, as explained in the original STA request, the delay in the launch of Galaxy 18 has required that PanAmSat drift Galaxy 17 to 122.9° W.L. rather than 91° W.L. and temporarily operate the satellite at 122.9° W.L. in order to ensure continuity of station-kept service for customers currently on Galaxy 10R, which is low on fuel.

During the continued drift to 122.9° 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 (RHCP).⁴ Once located at 122.9° W.L., the satellite will operate in the conventional C- and Ku- bands.

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 *PanAmSat Licensee Corp. Request for Special Temporary Authority*, File No. SAT-STA-20080325-00081 (stamp grant issued by Robert G. Nelson on Apr. 4, 2008).

³ 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).

⁴ Galaxy 17 is expected to arrive at 122.9° W.L. on May 7, 2008.

Ms. Marlene H. Dortch
April 28, 2008
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All operations of Galaxy 17 at 122.9° W.L. will be in conformance with relevant coordination agreements PanAmSat has reached with other administrations regarding operations at the 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 122.9° W.L. location poses no risk of harmful interference to adjacent operational satellites.

Additionally, 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. 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 stationkeeping volume with Galaxy 17 at 122.9° W.L. PanAmSat is not aware of any system with an overlapping stationkeeping volume with Galaxy 17 that is the subject of an ITU filing and that is either in orbit or progressing towards launch.

Grant of this STA request will serve the public interest by allowing PanAmSat to transfer traffic from Galaxy 10R to Galaxy 17 at 122.9° W.L. until Galaxy 18 is launched and the traffic can be transferred to Galaxy 18.⁵ This, in turn, will allow PanAmSat to ensure continuity of service at the nominal 123.0° W.L. location to customers of Galaxy 10R.

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

⁵ The currently scheduled launch date for Galaxy 18 is May 21, 2008.