

Approved by OMB
3060-0678

Date & Time Filed: Jun 5 2008 2:41:16:826PM
File Number: SAT-STA-20080605-00119
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 Further Extension of STA to Temporarily Operate Galaxy 17 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		



File # SAT-STA-20080605-00119

Call Sign _____ Grant Date 6/6/08
(or other identifier)

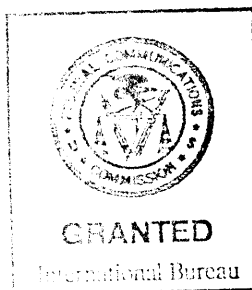
Term Dates
From 6/10/08 To + 30 days

Approved: [Signature]
Policy Branch Chief

Attachment
File No. SAT-STA-20080605-00119
Call Sign S2715
June 6, 2008

PanAmSat Licensee Corp.'s request, File No. SAT-STA-20080605-00119, is granted. Accordingly, PanAmSat Licensee Corp. (PanAmSat) is authorized, for a period of 30 days commencing on June 10, 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.



File # SAT-STA-20080605-00119

Call Sign S:2715 Grant Date 6/6/08
(or other identifier)

Term Dates
From 6/10/08 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
122.9 W.L.

7. Requested Extended Expiration Date
2008-07-09 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 further extension, through 07/09/2008, of the STA previously granted PanAmSat to temporarily operate Galaxy 17 at 122.9 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).

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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.

June 5, 2008

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



Re: Request for Further Extension of Special Temporary Authority to
Operate Galaxy 17 at 122.9° W.L.
Call Sign: S2715

Dear Ms. Dortch:

PanAmSat Licensee Corp. ("PanAmSat") herein requests a 30-day further extension – through July 9, 2008 – of the Special Temporary Authority ("STA")¹ previously granted PanAmSat to temporarily operate Galaxy 17 at 122.9° W.L.² Although PanAmSat recently had indicated that it would not require a further extension of the STA, the need to continue in-orbit testing PanAmSat's recently-launched Galaxy 18 satellite has required that Galaxy 17's stay at 122.9° W.L. be extended for a short period of time. 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. As explained in the original STA request, the delay in the launch of Galaxy 18 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,

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); *PanAmSat Licensee Corp. Request for Extension of Special Temporary Authority*, File No. SAT-STA-20080428-00092 and *PanAmSat Licensee Corp. Request for Further Extension of Special Temporary Authority*, File No. SAT-STA-0523-00114 (stamp grant for both issued by Andrea Kelly on May 30, 2008). At 122.9° W.L., the satellite is authorized to operate in the conventional C- and Ku- bands.

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).

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which is to be de-orbited very shortly. Galaxy 17 has been located at 122.9° W.L. since May 7, 2008.

The Galaxy 18 satellite was launched on May 21, 2008 and was in-orbit tested at 123.15° W.L.⁴ The satellite is currently located at 123.0° W.L., where additional in-orbit testing is being conducted. Accordingly, PanAmSat herein seeks an additional 30-day extension to allow Galaxy 17 to remain at 122.9° W.L. until in-orbit testing of Galaxy 18 has been completed.⁵

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 ensure continuity of service at the nominal 123.0° W.L. location to customers of Galaxy 10R.

⁴ See *PanAmSat Licensee Corp. Request for Special Temporary Authority*, File No. SAT-STA-20080423-00090 (stamp grant issued by Andrea Kelly on May 16, 2008).

⁵ PanAmSat has a pending 30-day STA request (File No. SAT-STA-20080523-00115) to begin drifting Galaxy 17 to 91° W.L. starting June 6, 2008. PanAmSat respectfully requests that that STA be granted starting ten days later -- specifically, starting June 16, 2008.

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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 the first letter of each name being capitalized and prominent.

Susan H. Crandall
Assistant General Counsel
Intelsat Corporation

cc: Robert Nelson
Andrea Kelly
Karl Kensinger