

Date & Time Filed: May 23 2008 3:13:35:783PM
File Number: SAT-STA-20080523-00114
Callsign:

FEDERAL COMMUNICATIONS COMMISSION
APPLICATION FOR SPACE STATION SPECIAL TEMPORARY AUTHORITY
FOR OFFICIAL USE ONLY

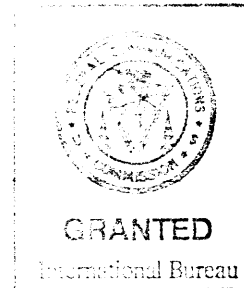
APPLICANT INFORMATION

Enter a description of this application to identify it on the main menu:
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		

1



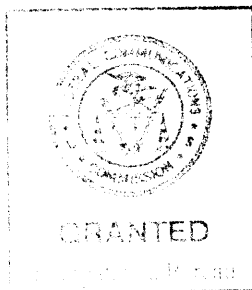
w/conditions

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.
Company:	
Street:	c/o Intelsat Corporation
	3400 International Drive, N.W.
City:	Washington
Country:	USA
Attention:	Susan H Crandall
Phone Number:	202-944-7848
Fax Number:	202-944-7870
E-Mail:	susan.crandall@intelsat.com
State:	DC
Zipcode:	20008 -3006
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 type="radio"/> Change Station Location <input checked="" type="radio"/> Extend Expiration Date <input type="radio"/> Other	
6. Temporary Orbit Location 122.9 W.L.	7. Requested Extended Expiration Date 2008-06-09 00:00:00.0

<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; margin: 5px 0;"> <p>PanAmSat Licensee Corp. herein requests a one-week extension, through 06/09/2008, of the STA previously granted PanAmSat to temporarily operate Galaxy 17 at 122.9 W.L.</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: 33%;">Attachment 1: STA Request</td> <td style="width: 33%;">Attachment 2:</td> <td style="width: 33%;">Attachment 3:</td> </tr> </table>			Attachment 1: STA Request	Attachment 2:	Attachment 3:
Attachment 1: STA Request	Attachment 2:	Attachment 3:			
<p>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

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-PER, 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.

Remember – You are not required to respond to a collection of information sponsored by the Federal government, and the government may not conduct or sponsor this collection, unless it displays a currently valid OMB control number or if we fail to provide you with this notice. This collection has been assigned an OMB control number of 3060-0678.

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.

May 23, 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 one-week further extension – through June 9, 2008 – of the Special Temporary Authority ("STA")¹ previously granted PanAmSat to temporarily operate Galaxy 17 at 122.9° W.L.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 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. 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 currently is in the transfer orbit phase of the launch mission. The satellite will be in-orbit tested

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 (filed Apr. 28, 2008) (seeking an extension of authority through June 2, 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).

Ms. Marlene H. Dortch
May 23, 2008
Page 2

at 123.15° W.L.⁴ PanAmSat expects to locate the satellite at 123.0° W.L. on or about June 6, at which point Galaxy 17 will no longer be needed at that nominal location. However, given that the currently pending STA extension request only sought extension through June 2, 2008, PanAmSat herein seeks an additional one-week extension to allow Galaxy 17 to remain at 122.9° W.L. until Galaxy 18 has completed in-orbit testing. PanAmSat does not expect to need Galaxy 17 at 122.9° W.L. beyond June 9, 2008.

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 has completed in-orbit testing and the traffic can be transferred to Galaxy 18. This, in turn, will allow 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).

Ms. Marlene H. Dortch
May 23, 2008
Page 3

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", written in a cursive style.

Susan H. Crandall
Assistant General Counsel
Intelsat Corporation

cc: Robert Nelson
Andrea Kelly
Karl Kensinger