

Date & Time Filed: Jun 27 2007 5:11:18:896PM
File Number: SAT-STA-20070627-00088
Callsign: S2707

SBS-6 @ 73.95° W.L.

FEDERAL COMMUNICATIONS COMMISSION
APPLICATION FOR SPACE STATION SPECIAL TEMPORARY AUTHORITY

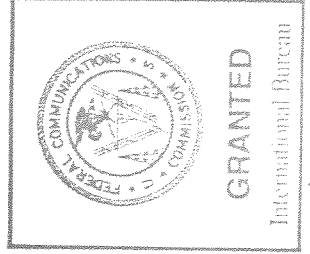
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APPLICANT INFORMATION

Enter a description of this application to identify it on the main menu:
STA to Drift SBS-6 from 74.05 W.L. to 73.95 W.L. and Temporarily Operate at 73.95 W.L.

I. Applicant

Name:	PanAmSat Licensee Corp.	Phone Number:	202-944-7848
DBA Name:		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		



File # SAT-STA-20070627-000
88
Call Sign S2707 Grant Date July 3 2007
(or other identifier)

Term Dates

From July 8 2007 To: + 30 days

Approved: [Signature]
Policy Branch Chief

Attachment
File No. SAT-STA-20070627-00088
Call Sign: S2707
July 3, 2007

PanAmSat Licensee Corp.'s request (PanAmSat's), File No. SAT-STA-20070627-00088, IS GRANTED. Accordingly, PanAmSat IS AUTHORIZED, for a period of 30 days, commencing on July 8, 2007, to conduct space station Telemetry, Tracking, and Control (TT&C) operations on the SBS-6 satellite necessary to effect the drift of the satellite from the 74.05° W.L. orbital location to the 73.95° W.L. orbital location and while at the 73.95° W.L. orbital location and to operate the SBS-6 satellite in the 14.0-14.5 GHz (Earth-to-space) and 11.7-12.2 GHz (space-to-Earth) conventional Ku-band frequencies at the 73.95° W.L. orbital 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 relocation or during operations at the 73.95° 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 73.95° W.L. orbital location, PanAmSat shall maintain the SBS-6 spacecraft with an east/west longitudinal station-keeping tolerance of 0.05 degrees.
4. During the drift of the drift of the SBS-6 satellite from the 74.05° W.L. orbital location to the 73.95° W.L. orbital location, PanAmSat shall not operate the communications payload on the satellite.
5. PanAmSat shall operate the SBS-6 satellite in compliance with all existing coordination agreements.
6. Any action taken or expense incurred as a result of operations pursuant to this special temporary authority is solely at PanAmSat's own risk.
7. This action is without prejudice to any action on IBFS File No. SAT-STA-20070418-00062.

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-20070627-00088

Call Sign SZ107 Grant Date July 3, 2007
(or other identifier)

Term Dates
From July 8, 2007 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:	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 73.95 W.L.			7. Requested Extended Expiration Date

<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;"> <p>PanAmSat Licensee Corp. herein requests a grant of STA for 30 days, beginning July 8, 2007, to drift SBS-6 from 74.05 W.L. to 73.95 W.L. immediately following traffic transfer from SBS-6 to Galaxy 17 at 74.05 W.L. and to operate SBS-6 temporarily at 73.95 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: center;"> <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: 50%;">Attachment 1: STA Request</td> <td style="width: 50%;">Attachment 2:</td> </tr> <tr> <td></td> <td>Attachment 3:</td> </tr> </table>		Attachment 1: STA Request	Attachment 2:		Attachment 3:
Attachment 1: STA Request	Attachment 2:				
	Attachment 3:				
<p style="text-align: center;"> 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>					

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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 27, 2007

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



Re: Request for Special Temporary Authority to Drift SBS-6 from 74.05° W.L. to 73.95° W.L. and Temporarily Operate at 73.95° W.L.
Call Sign: S2707

Dear Ms. Dortch:

PanAmSat Licensee Corp. ("PanAmSat") herein requests a grant of Special Temporary Authority ("STA")¹ for 30 days beginning July 8, 2007, to drift SBS-6 from 74.05° W.L. to 73.95° W.L. immediately following traffic transfer from SBS-6 to Galaxy 17 at 74.05° W.L. and to temporarily operate SBS-6 at 73.95° W.L. In support of its request, PanAmSat submits the following information.

PanAmSat is authorized to launch and operate Galaxy 17 at 91.0° W.L.² PanAmSat currently plans to have Galaxy 17 replace Galaxy 11, which is operating at that location. Pursuant to FCC approval, PanAmSat temporarily operated Galaxy 17 for a short period of time at 81.0° W.L. immediately after launch.³ Also pursuant to FCC authority, PanAmSat subsequently drifted Galaxy 17 from 81.0° W.L. to 75.5° W.L. and has been conducting in-orbit testing ("IOT") of Galaxy 17 at 75.5° W.L.⁴ Beginning on June 28, 2007,

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-00439, File No. SAT-STA-20070308-00044 (Apr. 27, 2007) (Public Notice).

⁴ See *Policy Branch Information; Actions Taken*, Report No. SAT-00446, File No. SAT-STA-20070319-00052 (May 25, 2007) (Public Notice). PanAmSat filed a request to extend the STA through July 2, 2007. See *PanAmSat Licensee Corp. Request to Extend Special Temporary Authority*, File No. SAT-STA-20070622-00084 (filed June 22, 2007).

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pursuant to FCC approval, PanAmSat plans to drift Galaxy 17 from 75.5° W.L. to 74.05° W.L. and temporarily operate the satellite at 74.05° W.L.⁵

After traffic transfer, and following receipt of FCC approval, PanAmSat plans to move SBS-6 to 73.95° W.L. to more easily ensure the safety of both satellites while they are collocated at the nominal 74.0° W.L. orbital location. PanAmSat previously filed a request for a 180-day STA request relating to the move of SBS-6.⁶ However, because that STA request will not come off of Public Notice before Galaxy 17 arrives at 74.05° W.L., PanAmSat seeks this 30-day STA request to allow it to move SBS-6 to 73.95° W.L. and begin operating the satellite at that location.

During the drift from 74.05° W.L. to 73.95° W.L., only the following TT&C frequencies will be operated on SBS-6: command frequencies 14.497 GHz and 14.003 GHz (vertical polarization); telemetry frequencies 12.195 GHz and 12.198 GHz (horizontal polarization). (On-station command and telemetry frequencies will be identical to those listed above, but with opposite polarizations, respectively.)

PanAmSat plans to operate the SBS-6 satellite at 73.95° W.L. at least until such time as Horizons 2 is expected to arrive at 74.05° W.L. Horizons 2 currently is expected to be launched in the third quarter of 2007. Should Horizons 2 experience a launch failure, SBS-6 or Galaxy 17 will be used to provide continuity of services in Ku-band.

All operations of SBS-6 at 73.95° W.L. will be in conformance with relevant coordination agreements PanAmSat has reached with other administrations regarding operations at the nominal 74.0° 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 SBS-6 at the 73.95° W.L. location poses no risk of harmful interference to adjacent operational satellites.

⁵ See *PanAmSat Licensee Corp. Request for Special Temporary Authority*, File No. SAT-STA-20070326-00056 (stamp grant issued June 22, 2007 by Andrea Kelly, Policy Branch Chief).

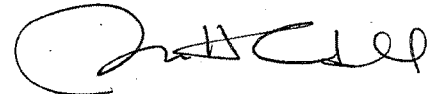
⁶ See *Policy Branch Information; Satellite Space Applications Accepted for Filing*, Report No. SAT-00453; File No. 20070418-00062 (June 22, 2007) (Public Notice).

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Grant of this STA request will serve the public interest by allowing PanAmSat to shift services from an older satellite nearing the end of its station-kept life -- SBS-6 -- to a new satellite -- Galaxy 17 (and subsequently to Horizons 2). In addition, grant of this STA request will help ensure continuity of service to customers at the nominal 74.0° W.L. location in the event of a launch failure.

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