

SAT-STA-20080325-00081
PanAmSat Licensee Corp.

IB2008000710

Approved by OMB
3060-0678

Date & Time Filed: Mar 25 2008 2:46:15:730PM
File Number: SAT-STA-20080325-00081
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:
Request for 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 | | |



1
File # SAT-STA-20080325-00081
with attached conditions

Call Sign S2715 Grant Date 4/4/08
(or other identifier)

Term Dates

From see conditions To: see conditions

Approved: MI Chief
Robert G. Nelson Satellite
Division

Attachment
File No. SAT-STA-20080325-00081
Call Sign S2715
April 4, 2008

PanAmSat Licensee Corp.'s request, File No. SAT-STA-20080325-00081, is granted. Accordingly, PanAmSat Licensee Corp. (PanAmSat) is authorized, for a period of 30 days commencing on April 4, 2008, to conduct Telemetry, Tracking, Control and Monitoring operations with the Galaxy 17 satellite (Call Sign S2715) using the following frequencies: 5925.5 MHz (left-hand-circular polarization), 6424.5 MHz (right-hand-circular polarization), 5925.5 MHz (horizontal polarization) and 6424.5 MHz (vertical polarization) for command; and 4197.125 MHz (horizontal polarization), 4197.125 MHz (left-hand-circular polarization), 4198.875 MHz (horizontal polarization) and 4198.875 MHz (right-hand-circular polarization) for telemetry, necessary to effect the drift of Galaxy 17 to the 122.9° W.L. orbital location, and during its on-station operations at that location. Additionally, once Galaxy 17 is located at the 122.9° W.L. orbital location, PanAmSat is authorized to operate Galaxy 17 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. This authorization 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 condition:

1. All operations during the drift 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. In the event of any harmful interference during Galaxy 17's drift to 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.



File # SAT-STA-20080325-00081
with attached conditions

Call Sign S2715 Grant Date 4/4/08
(or other identifier)

Term Dates
From see conditions To: see conditions

Approved: [Signature] Chief
Robert G. Nelson Satellite
Division

| | |
|---|--|
| 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? | |
| <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 122.9 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 immediately, 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).

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 25, 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 to, and
Operate the Satellite at, 122.9° 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 immediately, to drift Galaxy 17 to 122.9° W.L. and to temporarily operate the satellite at that location. 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 drifting toward 90.90° W.L. pursuant to STA.³ As explained in that STA request, Galaxy 17 possibly would be required to move to the nominal 123.0° W.L. location 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 on May 13, 2008 by Sea Launch. The satellite currently operating at 123.0° W.L. – Galaxy 10R – is low on fuel. The delay in the launch of Galaxy 18 beyond its most recently scheduled launch date of May 3, 2008 has required that PanAmSat drift Galaxy 17 to 122.9° W.L. rather than 90.90° 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 *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 *PanAmSat Licensee Corp. Request for Special Temporary Authority*, File No. SAT-STA-20080307-00060 (stamp grant issued by Andrea Kelly on Mar. 14, 2008).

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

Ms. Marlene H. Dortch
March 25, 2008
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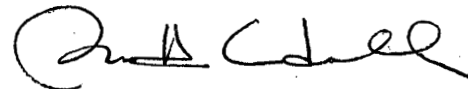
During the drift to 122.9° W.L only the following TT&C frequencies will be operated on Galaxy 17: command frequencies 5925.5 MHz (LHCP), 6424.5 MHz (RHCP), 5925.5 MHz (H) and 6424.5 MHz (V); telemetry frequencies 4197.125 MHz (H), 4197.125 MHz (LHCP), 4198.875 MHz (H) and 4198.875 (RHCP). Once located at 122.9° W.L., the satellite will operate in the conventional C- and Ku- bands.

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.

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. 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