

Date & Time Filed: Mar 30 2010 5:51:48:613PM
File Number: SAT-STA-20100330-00059
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:
STA Request for Intelsat 2 (S2459) to 157.0 E.L.

I. Applicant

Name: PanAmSat Licensee Corp. **Phone Number:** 202-944-7848
DBA Name: **Fax Number:** 202-944-7870
Street: c/o Intelsat Corporation **E-Mail:** susan.crandall@intelsat.com
City: Washington **State:** DC
Country: USA **Zipcode:** 20008 -3006
Attention: Susan H Crandall



File # SAT-STA-20100330-00059

Call Sign S2459 Grant Date 6/25/10
(or other identifier)

Term Dates From 6/25/10 To: +90 days


Approved: [Signature]
Chief, Satellite Entry Br.

with
Comments

Attachment to Grant
Application of PanAmSat Licensee Corp.
IBFS File No. SAT-STA-20100330-00059
June 25, 2010

The application of PanAmSat Licensee Corp. (PanAmSat) for special temporary authority, IBFS File No. SAT-STA-20100330-00059, is granted in part and deferred in part. PanAmSat is authorized, for a period of 90 days beginning June 25, 2010, to conduct telemetry, tracking and telecommand (TT&C) necessary to drift its C- and Ku-band space station, Intelsat 2 (Call Sign S2459) from the 169.10° E.L. orbital location to the 157° E.L. orbital location, and to maintain Intelsat 2 at the 157° E.L. orbital location upon arrival. PanAmSat is authorized to conduct TT&C operations on the 6424.5 MHz and 5925.5 MHz (Earth-to-space) and 4198.5 MHz and 4199.5 MHz (space-to-Earth) frequencies. PanAmSat's request to operate the communications payload on the Intelsat 2 space station at the 157° E.L. orbital location is deferred. This authorization is granted in accordance with the terms, conditions, and technical specifications set forth in PanAmSat's application, the Federal Communications Commission's rules, and the conditions of this attachment.

1. All operations shall be on an unprotected and non-harmful interference basis, *i.e.*, the Intelsat 2 space station 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, PanAmSat shall cease operations immediately upon notification of such interference, and shall inform the Commission, in writing, immediately of such event.
2. PanAmSat shall coordinate its operations with existing geostationary satellites to ensure that no unacceptable interference results from its temporary operations during the drift to the 157° E.L. orbital location.
3. During the drift to the 157° E.L. orbital location, PanAmSat will utilize only the TT&C frequencies specified above, and will operate pursuant to any existing coordination agreements for Intelsat 2.
4. PanAmSat shall timely prepare and submit to the Federal Communications Commission materials for submission to the International Telecommunication Union in connection with the operations of the Intelsat 2 space station at the 157° E.L. orbital location.
5. Grant of this authority is without prejudice to PanAmSat's request for special temporary authority to operate the communications payload on the Intelsat 2 space station at the 157° E.L. orbital location.
6. Any action taken or expense incurred as a result of operations pursuant to this special temporary authority is solely at the PanAmSat's own risk.

 GRANTED International Bureau	File # SAT-STA-20100330-00059
	Call Sign <u>S2459</u> Grant Date <u>6/25/10</u> (or other identifier)
	From <u>6/25/10</u> Term Dates To: <u>+90 days</u>
	By <u>[Signature]</u> Chief, Satellite Engg Br

Wth Condition

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7. This grant of special temporary authority is without prejudice to any decision with respect to PanAmSat's replacement expectancy for the 12.25-12.75 GHz and 14.25-14.50 GHz frequency bands at the 169.1° E.L. orbital location. Further, this grant does not constitute an announcement that these frequencies are available for reassignment.

8. PanAmSat is afforded thirty days from the date of release of this grant to decline this grant as conditioned. Failure to respond within this period will constitute formal acceptance of the authorization as conditioned.

9. 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 public notice indicating that this action was taken.

2. Contact	
Name: Susan H. Crandall	Phone Number: 202-944-7848
Company: c/o Intelsat Corporation	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 1570 E.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 Special Temporary Authority for 90 days beginning June 1, 2010 to drift Intelsat 2 (call sign S2459) from 169.10 E.L. to 157.0 E.L. and to operate the satellite temporarily in the C- and Ku-bands at 157.0 E.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).

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-PERM, 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 PRA@fcc.gov. PLEASE DO NOT SEND COMPLETED FORMS TO THIS ADDRESS.

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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 30, 2010

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



Re: Request for Special Temporary Authority to Drift and
Operate Intelsat 2
Call Sign S2459

Dear Ms. Dortch:

PanAmSat Licensee Corp. ("PanAmSat") herein requests Special Temporary Authority ("STA")¹ for 90 days beginning June 1, 2010 to drift Intelsat 2 (call sign S2459) from 169.10° E.L. to 157.0° E.L. and to operate the satellite temporarily in the C- and Ku-bands at 157.0° E.L. PanAmSat subsequently will file an STA request and permanent license modification application to redeploy Intelsat 2 to another location after its temporary stay at 157.0° E.L.

Intelsat 2 is currently operating at 169.10° E.L.,² where it is collocated with Intelsat 5 (call sign S2704).³ Following traffic transfer from Intelsat 2 to other Intelsat spacecraft and subject to receipt of FCC approval, Intelsat 2 will be relocated temporarily to 157.0° E.L.

During the drift of Intelsat 2 from 169.10° E.L. to 157.0° E.L., PanAmSat will utilize only the satellite's TT&C frequencies and will follow industry practices for coordinating TT&C transmissions during the relocation process. The specific TT&C frequencies are as follows:

Uplink:

6424.5 MHz (H)
5925.5 MHz (H)

¹ PanAmSat has filed this STA request, an FCC Form 159 and an \$830.00 filing fee electronically via the International Bureau's Filing System.

² See *Policy Branch Information; Actions Taken*, Report No. SAT-00574, File No. SAT-MOD-20080811-00153 (Jan. 16, 2009) (Public Notice).

³ See *Policy Branch Information; Actions Taken*, Report No. SAT-00561, File No. SAT-MOD-20080725-00150 (Oct. 24, 2008) (Public Notice).

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Downlink:

4198.5 MHz (H, V)
4199.5 MHz (H, V)

Grant of this STA request is in the public interest because it will allow PanAmSat to conduct temporary operations at 157.0° E.L. before moving the satellite to a different location, thus ensuring maximum fleet flexibility. Moreover, because Intelsat 2 currently is collocated with Intelsat 5 at the nominal 169.0° E.L. location, the redeployment of Intelsat 2 will not result in a loss of service at that location.

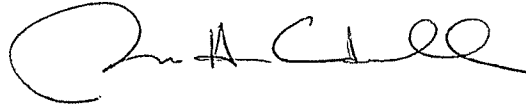
Grant of this STA request will not result in increased risk of harmful interference. As noted above, PanAmSat will operate only the above listed TT&C frequencies during the drift, and will coordinate its TT&C transmissions with operators of satellites in the drift path. Should any interference occur during the drift, PanAmSat will take all reasonable steps to eliminate such interference. Once on-station at 157.0° E.L., PanAmSat will operate the communications payload in conformance with Intelsat's coordination agreements related to that location.

PanAmSat has assessed and limited the probability of the space station becoming a source of debris as a result of collision with large debris or other operational space stations. Intelsat 2 will not be located at the same orbital location as another satellite or at an orbital location that has an overlapping station-keeping volume with another satellite. Further, 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 station-keeping volume with Intelsat 2 at 157.0° E.L. Finally, PanAmSat is not aware of any system with an overlapping station-keeping volume with Intelsat 2 at 157.0° E.L. that is the subject of an ITU filing and that is either in orbit or progressing towards launch.

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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 "Susan H. Crandall". The signature is fluid and cursive, with a large initial "S" and "C".

Susan H. Crandall
Assistant General Counsel
Intelsat Corporation

cc: Karl Kensinger
Kathryn Medley
Stephen Duall