

File # SAT - STA - 20100719-00162

Call Sign S2385 Grant Date 07/23/10

(or other identifier)

Term Dates From 07/23/10 To: 08/21/10

Approved by OMB
3060-0678

Approved: Stephen J. Duall

Chief, Satellite Policy Branch



*subject to conditions

Date & Time Filed: Jul 19 2010 5:01:15:286PM
File Number: SAT-STA-20100719-00162
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 Special Temporary Authority for Galaxy 14, Call Sign S2385


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		

Attachment to Grant
IBFS File No. SAT-STA-20100719-00162
Call Sign S2385
July 23, 2010

The request of PanAmSat Licensee Corp. (PanAmSat) for special temporary authority, IBFS File No. SAT-STA-201000719-00162, to operate the Galaxy 14 space station (Call Sign S2385) outside the +/- 0.05° east/west station-keeping box previously authorized¹ is granted. PanAmSat is authorized, for a period of 30 days – from July 23, 2010, through August 21, 2010 – to operate the communications payload aboard the Galaxy 14 space station in the 3700–4200 MHz (space-to-Earth) and 5925–6425 MHz (Earth-to-space) frequency bands outside the +/-0.05° east/west station-keeping box. This authorization shall be in accordance with the technical specifications set forth in PanAmSat’s application, Federal Communication Commission (Commission) rules, and the following conditions:

1. PanAmSat is required to accept interference from other lawfully operating space stations or radio communications systems.
2. In the event of any harmful interference to other lawfully operating space stations or radio communications systems, PanAmSat shall inform the Commission, in writing, immediately of such an event.
3. Any action taken or expense incurred as a result of operations pursuant to this special temporary authority is solely at PanAmSat’s own risk.
4. This authorization is not one relating to an “activity of a continuing nature” for purposes of Section 1.62 of the Commission’s rules and Section 558(c) of the Administrative Procedure Act. Continuation of operations beyond the term of this authorization will require prior affirmative authorization by the FCC.
5. 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.

 GRANTED* International Bureau *subject to conditions	File # <u>SAT-STA-20100719-00162</u>
	Call Sign <u>S2385</u> Grant Date <u>07/23/10</u> (or other identifier)
	Term Dates From <u>07/23/10</u> To: <u>08/21/10</u>
	Approved: <u>Stephen J. Duall</u> Stephen J. Duall Chief, Satellite Policy Branch

¹ See IBFS File No. SAT-MOD-20051206-00261 (granted Jan. 26, 2006).

2. Contact	
Name: Jennifer D. Hindin	Phone Number: 202-719-4975
Company: Wiley Rein LLP	Fax Number:
Street: 1776 K Street, NW	E-Mail: jhindin@wileyrein.com
City: Washington	State: DC
Country: USA	Zipcode: 20006
Attention: Jennifer D. Hindin	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 type="radio"/> Extend Expiration Date
	<input checked="" type="radio"/> Other
6. Temporary Orbit Location	
	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, pursuant to Section 25.210 of the rules of the Federal Communications Commission, herein requests Special Temporary Authority for 30 days, from July 23, 2010 through August 21, 2010, to operate the C-band communications payload (3700-4200 MHz and 5925-6425 MHz) of the Galaxy 14 satellite (call sign 52385) outside of the

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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8. Description

PanAmsat Licensee Corp, pursuant to Section 25.210 of the rules of the Federal Communications Commission, herein requests Special Temporary Authority for 30 days, from July 23, 2010 through August 21, 2010, to operate the C-band communications payload (3700-4200 MHz and 5925-6425 MHz) of the Galaxy 14 satellite (call sign S2385) outside of the +/- 0.05 stationkeeping box pursuant to a waiver of Section 25.210(j) of the rules of the FCC.

July 19, 2010

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



Re: Request for Special Temporary Authority for Galaxy 14, Call Sign
S2385

Dear Ms. Dortch:

PanAmSat Licensee Corp. ("PanAmSat"), pursuant to Section 25.210 of the rules of the Federal Communications Commission ("FCC" or "Commission"),¹ herein requests Special Temporary Authority ("STA")² for 30 days – from July 23, 2010 through August 21, 2010 – to operate the Galaxy 14 satellite's (call sign S2385) C-band communications payload (3700-4200 MHz and 5925-6425 MHz) outside of the +/- 0.05° East/West station-keeping box pursuant to a waiver of Section 25.210(j) of the Commission's rules.³ Galaxy 14 is currently authorized to operate from the 125.0° W.L. orbital location.⁴

As PanAmSat previously has informed the International Bureau ("Bureau"), on April 5, 2010, the Galaxy 15 satellite suffered an anomaly of unknown origin. Galaxy 15 has since been drifting eastward toward the 125.0° W.L. orbital location, where Galaxy 14 operates. Galaxy 15 is expected to be within 0.05 degrees of 125.0° W.L. between July 29, 2010 and July 30, 2010. As Galaxy 15 operates on the same C-band frequencies as Galaxy 14, the potential for harmful interference into Galaxy 14 operations is significant as Galaxy 15 approaches. PanAmSat intends to maneuver Galaxy 14 outside of its current station-keeping box in order to avoid potential interference from Galaxy 15 as well as to ensure that the two satellites remain a safe distance apart from each other.

¹ 47 C.F.R. § 25.210.

² Intelsat has filed this STA request, an FCC Form 159 and an \$830.00 filing fee electronically via the International Bureau's Filing System.

³ 47 C.F.R. § 25.210(j).

⁴ See *Policy Branch Information; Actions Taken*, Report No. SAT-0030, File No. SAT-MOD-20051206-00261 (Jan. 27, 2006) (Public Notice).

PanAmSat has developed a plan to move Galaxy 14 to the east by 0.2° outside of its normal station-keeping volume, i.e. to 124.8° W.L. Subsequently, the spacecraft would be moved in a westerly direction to 0.2° outside of its normal station-keeping volume, i.e. to 125.2° W.L. These maneuvers will ensure that a minimum angular separation of 0.2° and a minimum distance separation distance of 140 kilometers will be maintained between Galaxy 14 and Galaxy 15. After Galaxy 15 has drifted sufficiently away from the 125° W.L. orbital location, Galaxy 14 will be returned to its nominal orbital location.

The closest satellites to Galaxy 14 are Galaxy 13 at 127.0° W.L., AMC-21 at 124.9° W.L. and Galaxy 18 at 123.0° W.L. SES Satellites (Gibraltar) Ltd. ("SES") is the operator of AMC-21. The Galaxy 13 and Galaxy 18 satellites are operated by PanAmSat. The proposed relocation of Galaxy 14, as described above, would not overlap the station-keeping volumes of Galaxy 13 and Galaxy 18. However, it would slightly encroach into the station-keeping volume of AMC-21. Although the risk of collision between Galaxy 14 and AMC-21 is small, PanAmSat has coordinated the planned orbital maneuvers for Galaxy 14 with SES.

Grant of this STA request is in the public interest. The Commission may grant waiver for good cause shown.⁵ The Commission typically grants a waiver where the particular facts make strict compliance inconsistent with the public interest.⁶ In granting a waiver, the Commission may take into account considerations of hardship, equity, or more effective implementation of overall policy on an individual basis.⁷ Waiver is therefore appropriate if special circumstances warrant a deviation from the general rule, and such a deviation will serve the public interest.

Grant of the requested authority and waiver will serve the public interest by enabling PanAmSat to take these steps, as necessary, to minimize service disruptions for customers on the Galaxy 14 satellite resulting from interference caused by the Galaxy 15 satellite. It will also enable PanAmSat to perform any maneuvers needed to avoid in-orbit collision with the Galaxy 15 satellite. Grant of the requested authority will not adversely affect other authorized

⁵ 47 C.F.R. § 1.3.

⁶ *N.E. Cellular Tel. Co. v. FCC*, 897 F.2d 1164, 1166 (D.C. Cir. 1990) ("*Northeast Cellular*").

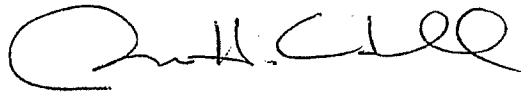
⁷ *WAIT Radio v. FCC*, 418 F.2d 1153, 1159 (D.C. Cir. 1969); *Northeast Cellular* 897 F.2d at 1166.

Ms. Marlene H. Dortch
July 19, 2010
Page 3

operations. The closest C-band spacecraft to the west of Galaxy 14 is Galaxy 13 at 127.0° W.L.⁸ and to the east is Galaxy 18 at 123.0° W.L.⁹ PanAmSat does not expect that its proposed operations outside of its assigned station-keeping box will cause harmful interference to adjacent satellites and will coordinate internally the proposed relocation and operation of Galaxy 14.

For the reasons set forth herein, Intelsat respectfully requests that the Commission expeditiously grant this request.

Sincerely,



Susan H. Crandall
Assistant General Counsel
Intelsat Corporation

cc: Robert Nelson
Kathryn Medley
Stephen Duall

⁸ See *PanAmSat Licensee Corp. Amendment to Application for Authority to Launch and Operate a Replacement Fixed-Satellite Service Space Station*, File No. SAT-LOA-19991207-00118 (filed Feb. 28, 2003; grant Sept. 30, 2003).

⁹ See *PanAmSat Licensee Corp. Application for Authority to Launch and Operate a Replacement Satellite at 123° W.L.*, File No. SAT-RPL-20070222-00035 (filed Feb. 22, 2007; grant Oct. 18, 2007).