

PAS-2R SAT-STA-20090129-00012 IB2009000223
PanAmSat Licensee Corp.

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File Number: SAT-STA-20090129-00012
Callsign:

File # SAT-STA-20090129-00012

Call Sign PAS-2R Grant Date 07/22/09

(or other identifier) Term Dates period of

From 08/01/09 To: 180 days

Approved: *Stephen J. Duall*

Chief, Policy Branch

Approved by OMB
3060-0678



* subject to conditions

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:
Request for STA to Relocate Intelsat 3R to 43.1 W.L., (Call Sign PAS-2R)

I. 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
File No. SAT-STA-20090129-00012
Call Sign (PAS-2R)
July 22, 2009

The application of PanAmSat Licensee Corp. (PanAmSat), IBFS File No. SAT-STA-20090129-00012, for special temporary authority to drift its C- and Ku-band space station, Intelsat 3R, to – and to temporarily operate the Intelsat 3R space station at – the 43.1° W.L. orbital location is granted. Accordingly, PanAmSat is authorized for a period of 180 days, beginning on August 1, 2009,¹ to drift the Intelsat 3R space station from the 43.0° W.L. orbital location to the 43.1° W.L. orbital location and to provide Fixed-Satellite Services at the 43.1° W.L. orbital location in the 3700-4200 MHz (space-to-Earth), 5925-6425 MHz (Earth-to-space), 11.7-12.2 GHz (space-to-Earth), 12.5-12.75 GHz (space-to-Earth), and 14.00-14.5 GHz (Earth-to-space) frequency bands. Additionally, PanAmSat is authorized to conduct space station Telemetry, Tracking, and Control (TT&C) operations necessary to effect the drift to, and operations at, the 43.1° W.L. orbital location using the following frequencies: 5929.5 MHz and 6424.5 MHz (Earth-to-space); 4198.5 MHz and 4199.0 MHz (space-to-Earth). These operations are authorized in accordance with the technical specification set forth in PanAmSat's application, the Commission's rules, and are subject to the following conditions:

1. All operations during the drift shall be on an unprotected and non-harmful interference basis, *i.e.*, Intelsat 3R shall not cause harmful interference to, and shall not claim protection from, interference cause to it by any other lawfully operating station.
2. In the event of any harmful interference during Intelsat 3R's drift to the 43.1 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. During the drift to the 43.1 W.L. location, PanAmSat will utilize only the tracking, control and telemetry frequencies specified above, and will operate pursuant to existing coordination agreements for Intelsat 3R.
4. PanAmSat shall operate the Intelsat 3R space station at the 43.1° W.L. orbital location in compliance with all existing or future coordination agreements for that location.
5. Use of the 12.5-12.75 GHz frequency bands is not permitted for Fixed-Satellite Service in the space-to-Earth direction in Region 2.
6. In connection with the provision of service in any particular country, PanAmSat is obliged to comply with the applicable laws, regulations, rules, and licensing procedures of that country.

¹ PanAmSat originally requested the term of the STA to begin on April 1, 2009. It subsequently supplemented its filing to request that the 180-day period commence on August 1, 2009. *See* Letter from Susan H. Crandall, Assistant General Counsel, Intelsat, to Marlene H. Dortch, FCC, dated April 15, 2009.

Attachment
File No. SAT-STA-20090129-00012
Call Sign (PAS-2R)
July 22, 2009

7. Any action taken or expense incurred as a result of operations pursuant to this special temporary authority is solely at PanAmSat's own risk.
8. Grant of this application does not change the expiration date of the authorization for Intelsat 3R, which is February 1, 2011.
9. Nothing in this grant shall be construed as approval of the post-mission disposal plans for the Intelsat 3R.
10. 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.
11. PanAmSat is afforded thirty days from the date of release of this grant and authorization to decline this authorization as conditioned. Failure to respond within this period will constitute formal acceptance of the authorization as conditioned.
12. 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.



*subject to
conditions

File # SAT-STA-20090129-00012

Call Sign PAS-2R Grant Date 07/22/09
(or other identifier)

Term Dates period of
From 08/01/09 To: 180 days

Approved: Stephen J. Duall

Stephen J. Duall
Chief, Policy Branch

2. Contact	
Name:	Susan H. Crandall
Company:	c/o Intelsat Corporation
Street:	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 checked="" type="radio"/> Change Station Location	<input type="radio"/> Extend Expiration Date <input type="radio"/> Other
6. Temporary Orbit Location	
43.1 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 180 days beginning 04/01/2009 to drift Intelsat 3R from 43.0 W.L. to 43.1 W.L., and to operate the satellite temporarily at 43.1 W.L. in the conventional C- and Ku-bands.

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.

January 29, 2009

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



Re: Request for Special Temporary Authority for Intelsat 3R
Call Sign: PAS-2R

Dear Ms. Dortch:

PanAmSat Licensee Corp. ("PanAmSat") herein requests Special Temporary Authority ("STA")¹ for 180 days beginning April 1, 2009 to drift Intelsat 3R from 43.0° W.L. to 43.1° W.L., and to operate the satellite temporarily at 43.1° W.L. in the conventional C- and Ku-bands.² PanAmSat has a pending modification application to redeploy Intelsat 11, which currently operates at 43.1° W.L., to 43.0° W.L.³ In short, Intelsat 11 and Intelsat 3R will be swapping locations.

PanAmSat expects to have Intelsat 3R at 43.1° W.L. within a few days of beginning the drift. During the drift, PanAmSat will utilize only Intelsat 3R'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:

5929.5 Horizontal and
6424.5 Horizontal

Downlink:

4198.5 Horizontal and Vertical
4199.0 Horizontal and Vertical

Grant of this STA request is in the public interest because it will allow PanAmSat to satisfy long-term customer demand at 43.0° W.L. by swapping

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 Intelsat 3R is nearing the end of its useful life.

³ See *PanAmSat Licensee Corp. Application to Modify License*, File No. SAT-MOD-20090108-00004 (filed Jan. 8, 2009).

Ms. Marlene H. Dortch
January 29, 2009
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Intelsat 11 and Intelsat 3R, while continuing to ensure the safe station-keeping of the satellites while they are co-located at the nominal 43.0° W.L. location.

Grant of this STA request will not result in increased risk of harmful interference. As noted above, PanAmSat will operate only 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. At 43.1° W.L., PanAmSat will operate the satellite in conformance with PanAmSat's coordination agreements related to the nominal 43.0° W.L. location, as well as with the FCC's rules designed to allow co-frequency, co-coverage operations in a two-degree spaced environment.

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. Intelsat 3R 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 3R. Finally, PanAmSat is not aware of any system with an overlapping station-keeping volume with Intelsat 3R that is the subject of an ITU filing and that is either in orbit or progressing towards launch.

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: Bob Nelson
Andrea Kelly
Stephen Duall

April 15, 2009



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

Re: Supplement to Request for Special Temporary Authority
for Intelsat 3R
Call Sign: PAS-2R; File No. SAT-STA-20090129-00012

Dear Ms. Dortch:

PanAmSat Licensee Corp. ("PanAmSat") herein supplements its above referenced pending request for Special Temporary Authority ("STA")¹ by seeking a revised start date for the STA period. Specifically, because the move of Intelsat 3R from 43.0° W.L. to 43.1° W.L. has been delayed, PanAmSat requests that the 180-day STA period begin on August 1, 2009 rather than April 1, 2009, as originally requested. As the Commission is aware, PanAmSat also has a pending modification application to redeploy Intelsat 11, which currently operates at 43.1 W.L., to 43.0° W.L.² In short, Intelsat 11 and Intelsat 3R will be switching locations.

Other than the STA start date, all information presented in the STA request as originally filed remains the same. As stated in that request, grant of STA is in the public interest because it will allow PanAmSat to satisfy long-term customer demand at 43.0° W.L., while continuing to ensure the safe station-keeping of the Intelsat 3R and Intelsat 11 satellites while they are co-located at the nominal 43.0° W.L. location.

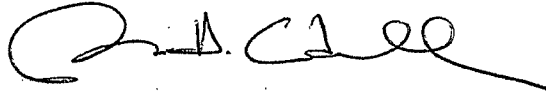
¹ See *Policy Branch Information; Satellite Space Applications Accepted for Filing*, Report No. SAT-00587, File No. SAT-STA-20090129-00012 (Mar. 6, 2009) (Public Notice).

² See *Policy Branch Information; Satellite Space Applications Accepted for Filing*, Report No. SAT-00587, File No. SAT-MOD-20090108-00004 (Mar. 6, 2009) (Public Notice).

Ms. Marlene H. Dortch
April 15, 2009
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For the reasons set forth herein and in the original STA request, PanAmSat respectfully requests that the Commission grant the request.

Sincerely,

A handwritten signature in black ink, appearing to read "S. H. Crandall", with a long horizontal flourish extending to the right.

Susan H. Crandall
Assistant General Counsel
Intelsat Corporation

cc: Bob Nelson
Andrea Kelly
Stephen Duall