



File # SAT-STA-20040923-00186

Call Sign GAL-3R *with attached conditions*  
Grant Date Oct 28, 2004

Approved by OMB 3060-0678

Term Dates  
From NOV 4, 2004 To MAY 3, 2005

Approved: [Signature] Chief Satellite  
Robert G. Nelson Engineering Branch

Date & Time Filed: Sep 23 2004 12:54:12:850PM  
File Number: SAT-STA-20040923-00186  
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:  
G3R STA 2 to 111 WL (Nov)

1. Applicant

<b>Name:</b>	PanAmSat Licensee Corp.	<b>Phone Number:</b>	202-292-4300
<b>DBA Name:</b>		<b>Fax Number:</b>	202-292-4378
<b>Street:</b>	1801 K Street, N.W. Suite 440	<b>E-Mail:</b>	
<b>City:</b>	Washington	<b>State:</b>	DC
<b>Country:</b>	USA	<b>Zipcode:</b>	20006 -
<b>Attention:</b>	Mr Kalpak S Gude Esq		

**Attachment**  
**Conditions of Authorization – SAT-STA-20040923-00186**  
**GALAXY III-R**  
**Call Sign: GAL-3R**  
**October 28, 2004**

PanAmSat Licensee Corp.'s ("PanAmSat") application for Special Temporary Authority, File No: SAT-STA-20040923-00186 IS GRANTED. Accordingly, PanAmSat is authorized to conduct tracking, telemetry and command (TT&C) operations necessary to maintain the satellite at 111.0°W. L. for the period of November 4, 2004 to May 3, 2005 in accordance with the terms, conditions, and technical specifications set forth in its application, this Attachment and the Commission's Rules.

1. PanAmSat's operation shall not cause harmful interference to any lawfully operating in-orbit satellites and PanAmSat shall cease operations immediately upon notification of such interference and PanAmSat shall inform the FCC in writing immediately of such an event.
2. PanAmSat is required to accept interference from other lawfully operating in-orbit satellites.
3. PanAmSat operations shall be limited solely to TT&C operations and shall not operate the communications payload or include the provision of commercial services.
4. This temporary arrangement does not provide PanAmSat with any claim to continuing or permanent use of the 110°W.L. orbital location.

2. Contact

<b>Name:</b>	Joseph A. Godles, Esq.	<b>Phone Number:</b>	202-429-4900
<b>Company:</b>	Goldberg Godles Wiener & Wright	<b>Fax Number:</b>	202-429-4912
<b>Street:</b>	1229 19th Street NW	<b>E-Mail:</b>	jgodles@g2w2.com
<b>City:</b>	Washington	<b>State:</b>	DC
<b>Country:</b>	USA	<b>Zipcode:</b>	20036 -2413
<b>Contact Title:</b>	Attorney	<b>Relationship:</b>	Legal Counsel

(If your application is related to an application filed with the Commission, enter the file number below.)

3. Reference File Number SATMOD1991111500035

4a. Is a fee submitted with this application?

- If Yes, complete and attach FCC Form 159. If No, indicate reason for fee exemption (see 47 C.F.R. Section 1.1114).
- Governmental Entity     Noncommercial educational licensee
- Other (please explain):

4b. Fee Classification    CRY – Space Station (Geostationary)

5. Type Request

- Change Station Location                       Extend Expiration Date                       Other

6. Temporary Orbit Location  
111 WL

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.)

Request Special Temporary Authority to continue operation of the tracking, telemetry, and command payload following the relocation of Galaxy III-R to 111.0 W.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  
Kalpak Gude

11. Title of Person Signing  
Associate General Counsel

12. Please supply any need attachments.

Attachment 1: STA

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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**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.**

## REQUEST FOR SPECIAL TEMPORARY AUTHORITY

PanAmSat Licensee Corp. ("PanAmSat"), pursuant to Section 25.120 of the Commission's rules,<sup>1</sup> hereby requests Special Temporary Authority ("STA") for 180 days, commencing on November 4, 2004, to operate the tracking, telemetry, and command ("TT&C") payload on Galaxy 3R at 111.0° W.L. Under separate cover, PanAmSat is simultaneously requesting an STA authorizing relocation of Galaxy 3R from 111.06° W.L. to 111.0° W.L., and operation of the TT&C payload on Galaxy 3R during and after the relocation, for an initial 30-day period between October 4, 2004, and November 3, 2004.

Galaxy 3R is a hybrid C/Ku-band satellite that originally was assigned to 95° W.L. After PanAmSat launched and commenced operation of a replacement satellite, Galaxy 3C, at 95° W.L., Galaxy 3R, which has several years of station-keeping life remaining, became available for reassignment.

After Galaxy 3R completed its operations at 95° W.L., PanAmSat initially operated the C-band payload on the satellite at 74° W.L. pursuant to an STA.<sup>2</sup> It subsequently leased all of the C-band and Ku-band capacity on Galaxy 3R to Telesat Canada ("Telesat"), which has operated Galaxy 3R (as Anik E2R) at 111.1° W.L. pursuant to authority granted by Industry Canada.<sup>3</sup> In order to facilitate the transfer of traffic from Galaxy 3R to Anik F2, the replacement satellite for Galaxy 3R/Anik E2R, Telesat has relocated Galaxy 3R to 111.06° W.L.<sup>4</sup> The lease between PanAmSat and Telesat for Galaxy 3R will terminate on October 4, 2004, thereby returning the satellite to PanAmSat and to United States authority.

Granting the requested STA will serve the public interest. An STA will enable PanAmSat to maintain Galaxy 3R near its current location on an interim basis, thereby preserving fuel, while it reevaluates its deployment plan and customer needs to determine the best use of Galaxy 3R in the long term. Moreover, grant of the requested STA would present no risk of harmful interference. The communications payload on Galaxy 3R will not be operated during the relocation from 111.06° W.L. to 111.0° W.L. or once Galaxy 3R is on station at 111.0° W.L. PanAmSat already has coordinated its operation of the TT&C payload on Galaxy 3R with Telesat Canada, which will operate Anik E2 at

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<sup>1</sup> 47 C.F.R. § 25.120.

<sup>2</sup> See, e.g., File No. SAT-STA-20030324-00038.

<sup>3</sup> Anik E2R at 111.1° W.L. also was added to the Permitted Space Station List. See Telesat Canada, *Petition for Declaratory Ruling for Inclusion of Anik E2R on the Permitted Space Station List*, File No. SAT-PDR-20030416-00068, Grant Stamp Order (Int'l Bur., June 3, 2003).

<sup>4</sup> The Permitted Space Station List entry for Anik E2R also has been modified to reflect this relocation. See Public Notice, Report No. SAT-00242, DA 04-2934 (Int'l Bur., Sept. 10, 2004).

111.1° W.L. Following standard industry practices, PanAmSat also will coordinate its TT&C transmissions with the satellite operators at the orbital locations that are adjacent to 111.0° W.L.: SatMex, which operates Solidaridad 2 at 113° W.L., and Intelsat, which PanAmSat understands will be conducting in-orbit testing of Intelsat Americas 8 at 109.2° W.L.

Uplink TT&C transmissions on Galaxy 3R will occur at either 5935.0 MHz (horizontal) or 6415.0 MHz (vertical) and downlink TT&C transmissions will occur at 4198.5 MHz and 4199.625 MHz. The complete uplink and downlink TT&C transmission parameters are as follows:

Command:	6415.0 MHz, vertical (dish)
	5935.0 MHz, horizontal (omni)
Telemetry:	4198.5 MHz, horizontal (dish)
	4199.625 MHz, horizontal (dish)
	4198.5 MHz, vertical (omni)
	4199.625 MHz, vertical (omni)

Accordingly, and for good cause shown, PanAmSat respectfully requests an STA of 180 days, commencing on November 4, 2004, to operate the TT&C payload on Galaxy 3R at 111.0° W.L.

Questions with respect to this matter should be directed to Joseph A. Godles, counsel for PanAmSat, at (202) 429-4900.