



File # SAT-STA-20050818-00162
with attached conditions

Call Sign S2387 Grant Date 9/20/2005

(or other identifier) Term Dates Approved by OMB

From Sec conditions To: Sec conditions 3060-0678

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

Date & Time Filed: Aug 18 2005 11:19:47:013AM
File Number: SAT-STA-20050818-00162
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:
G15 IOT STA

1. Applicant

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

Attachment
SAT-STA-20050818-00162
Galaxy 15
Call Sign: S2387
September 20, 2005

1. Panamsat Licensee Corp.'s ("PanAmSat's") application for Special Temporary Authority, File No: SAT-STA-20050818-00162 IS GRANTED. Accordingly, PanAmSat is authorized, for the period of 30 days commencing with the date that its C-band fixed-satellite service (FSS) Galaxy 15 satellite arrives at the 150.0° W.L. orbital location, to conduct in-orbit-testing of the Galaxy 15 satellite at the 150.0° W.L. orbital location and upon completion of the test to drift the Galaxy 15 to its assigned orbital location of 133.0° W.L., in accordance with the terms, conditions, and technical specifications set forth in its application, this Attachment and the Commission's Rules.
2. PanAmSat shall coordinate its test operations with all potentially affected operating satellite networks to ensure that no unacceptable interference results from its test operations at 150.0° W.L.
3. PanAmSat's test operations shall not cause harmful interference to any lawfully operating in-orbit satellites or radio communications systems and it shall cease operations immediately upon notification of such interference and PanAmSat shall inform the FCC in writing within 3 days of such an event.
4. PanAmSat is required to accept interference from other lawfully operating in-orbit satellites or radiocommunication systems.
5. PanAmSat's operations at 150.0° W.L. shall be limited solely to in-orbit test operations and shall not include the provision of commercial services.
6. Testing authority is limited to the frequency bands 3700-4200 MHz (space-to-Earth), and 5925-6426 MHz (Earth-to-space).
7. PanAmSat shall notify the Commission in writing no later than seven days after it has completed testing of Galaxy 15 and commenced the move of Galaxy 15 to its assigned orbital location of 133.0° W.L.
8. PanAmSat shall coordinate its Tracking, Telemetry, Command, and Monitoring ("TTC&M") operations with existing geostationary satellites to ensure that no unacceptable interference results from its TTC&M operations during the drift from 150.0° W.L. to its assigned orbital location of 133.0° W.L.

2. Contact

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

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

3. Reference File Number

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

150 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.)

PanAmSat Licensing Corp., pursuant to Section 25.120 of the Commission's rules, hereby requests Special Temporary Authority to conduct in-orbit testing of Galaxy 15 at 150 WL.

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).

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.

REQUEST FOR SPECIAL TEMPORARY AUTHORITY
TO CONDUCT IN-ORBIT TESTING

PanAmSat Licensing Corp. ("PanAmSat"), pursuant to Section 25.120 of the Commission's Rules,¹ hereby requests Special Temporary Authority ("STA") to conduct in-orbit testing ("IOT") of Galaxy 15 at 150° W.L.² PanAmSat seeks an STA for a period of thirty (30) days, beginning on the date that the spacecraft arrives at that orbital location.³

The Commission has authorized PanAmSat to launch Galaxy 15 and to operate the satellite at 133° W.L.⁴ PanAmSat is unable to conduct IOT for Galaxy 15 at its assigned orbital location, however, because doing so would interfere with ongoing services. Accordingly, PanAmSat seeks authority to operate Galaxy 15 initially at 150° W.L. for purposes of IOT.

PanAmSat's STA request is supported by good cause. Grant of the request will enable PanAmSat to complete IOT for Galaxy 15 without disrupting ongoing services. Providing for continuity of service is unquestionably in the public interest.

Moreover, grant of the requested STA will present no risk of interference to other authorized users. The only satellites located within six degrees to the east and west of 150° W.L. that have frequency overlap with Galaxy 15 are an EchoStar satellite at 148 W.L. and TDRS 7 at 151.0 W.L. In the case of the former, PanAmSat already has signed a coordination agreement with EchoStar. In the case of the latter, the frequency overlap is with a non-governmental C-band payload on TDRS 7 that is not in use, and NTIA has informed PanAmSat that (because the C-band payload is non-governmental) coordination with the federal government is unnecessary.

Accordingly, and for good cause shown, PanAmSat respectfully requests an STA for a period of thirty (30) days to conduct IOT of Galaxy 15 at 150° W.L. Questions with respect to this matter should be directed to Joseph A. Godles, PanAmSat's counsel, at (202) 429-4900.

¹ 47 C.F.R. § 25.120.

² This request is limited to the C-band and Ku-band payloads on Galaxy 15 that are licensed to PanAmSat. The request does not include the radionavigation satellite service payload that is on the same bus as Galaxy 15 and is licensed to Lockheed Martin Corporation. See Order and Authorization, DA 05-1747 (June 23, 2005).

³ The Galaxy 15 launch currently is scheduled for late September 2005. IOT is expected to commence approximately two weeks after the launch.

⁴ See File No. SAT-LOA-19991207-00119, as amended by SAT-AMD-20021029-00199, SAT-AMD-20030818-00156, SAT-AMD-20031103-00320 and SAT-AMD-20040603-00111.