

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:
STA for Earth Station KL92 to Provide LEOP Services for the THOR-6 Satellite Launch

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		

With Conditions



File # SES-STA-20090918-01195
Call Sign KL92 Grant Date 10/28/09
(or other identifier)
Term Dates
From launch To: +30 days
Approved: *Kathleen J. Moore*

Chief Satellite Engr. Sr.

Attachment

Conditions:

- A) PanAmSat shall notify the Commission in writing within 48 hours of commencing operation under this authorization.
- B) All operations are on a non-protected, non-interference basis.
- C) PanAmSat shall coordinate its operations with neighboring satellites with ± 6 degrees of its orbital location.
- D) PanAmSat shall immediately cease operations if interference is reported.

With Conditions



File # SES-SIA-2009 0918-01195

Call Sign KL92 Grant Date 10/28/09
(or other identifier)

Term Dates
From Launch To: + 30 days

Approved: *Felberg Moller*
Chief Satellite Engng Bm

2. Contact

Name:	PanAmSat Licensee Corp.	Phone Number:	202-944-7848
Company:		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	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?

- 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 CGX – Fixed Satellite Transmit/Receive Earth Station

5. Type Request

- Use Prior to Grant Change Station Location Other

6. Requested Use Prior Date

7. City Castle Rock

8. Latitude
(dd mm ss.s h) 39 16 38.0 N

9. State CO	10. Longitude (dd mm ss.s h) 104 48 25.0 W
11. Please supply any need attachments. Attachment 1: STA Request Attachment 2: Exhibits A – C Attachment 3:	
12. 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.) <div style="border: 1px solid black; padding: 5px; margin: 10px 0;">PanAmSat Licensee Corp. herein requests a grant of Special Temporary Authority for 30 days, from 10/23/2009 through 11/21/2009, to use its Castle Rock, Colorado Ku-band earth station, call sign KL92, to provide launch and early orbit phase services for the THOR-6 satellite that is expected to be launched on 10/23/2009. The LEOP period is expected to</div>	
13. 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. <input checked="" type="radio"/> Yes <input type="radio"/> No	
14. Name of Person Signing Susan H. Crandall	15. Title of Person Signing Asst. General Counsel, Intelsat Corporation
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.

12. Description

PanAmSat Licensee Corp. herein requests a grant of Special Temporary Authority for 30 days, from 10/23/2009 through 11/21/2009, to use its Castle Rock, Colorado Ku-band earth station, call sign KL92, to provide launch and early orbit phase services for the THOR-6 satellite that is expected to be launched on 10/23/2009. The LEOP period is expected to last approximately ten days.

September 18, 2009

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



Re: Request for Special Temporary Authority
Castle Rock, Colorado Earth Station KL92

Dear Ms. Dortch:

PanAmSat Licensee Corp. ("PanAmSat") herein requests a grant of Special Temporary Authority ("STA")¹ for 30 days, from October 23, 2009 through November 21, 2009, to use its Castle Rock, Colorado Ku-band earth station -- call sign KL92 -- to provide launch and early orbit phase ("LEOP") services for the THOR-6 satellite that is expected to be launched on October 23, 2009.² The LEOP period is expected to last approximately ten days.³

The THOR-6 LEOP operations will be performed in the following frequency bands: 13245.0 MHz and 13246.5 MHz (uplink), and 11704.0 MHz and 11705.0 MHz (downlink). The LEOP operations will be coordinated with all operators of satellites that use the same frequency bands and are in the LEOP path.⁴ All operators of satellites in that path will be provided with an emergency phone number where the licensee can be reached in the event that harmful interference occurs.

The 24x7 contact information for the THOR-6 LEOP mission is as follows:

Harry Burnham or Milke Munion
Ph.: (202) 944-7701

In further support of this request, PanAmSat is attaching Exhibits A through C, which contain a waiver request, as well as technical information that demonstrates that the operation of the earth station will be compatible with its

¹ PanAmSat has filed its STA request, an FCC Form 159, a \$175.00 filing fee and this supporting letter electronically via the International Bureau's Filing System ("IBFS").

² The permanent orbital location of the THOR-6 satellite will be 0.8° W.L.

³ PanAmSat is seeking authority through November 21, 2009 to accommodate a possible launch delay.

⁴ TeleSpazio, which is managing the THOR-6 launch mission, will be handling the coordination.

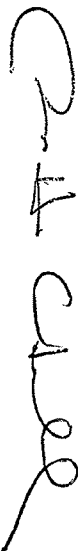
Ms. Marlene H. Dortch
September 18, 2009
Page 2

electromagnetic environment and will not cause harmful interference into any lawfully operating terrestrial facility. In the extremely unlikely event that harmful interference should occur due to transmissions to or from its earth station, PanAmSat will take all reasonable steps to eliminate the interference. PanAmSat also notes that for purposes of the THOR-6 LEOP mission, it is seeking to operate in the frequencies listed in the request at power levels not to exceed 26.5 dBW. The technical information submitted with the STA request reflects a higher power level of 28.0 dBW, because that is the level at which PanAmSat might operate in the event an emergency necessitates the use of a higher power level in order to command the satellite.

Grant of this STA request will allow PanAmSat to help launch the THOR-6 satellite to the 0.8° W.L. location. This, in turn, will help provide continuity of service at that location, and thereby promote the public interest.

Please direct any questions regarding this STA request to the undersigned at (202) 944-7848.

Respectfully submitted,



Susan H. Crandall
Assistant General Counsel
Intelsat Corporation

Cc: Kathryn Medley