

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:  
STA Extension for Earth Station KL92 to Provide LEOP Services for the SES-4 Satellite

1. Applicant

<b>Name:</b>	Intelsat License LLC	<b>Phone Number:</b>	202-944-7848
<b>DBA Name:</b>		<b>Fax Number:</b>	202-944-7870
<b>Street:</b>	c/o Intelsat Corporation 3400 International Drive, N.W.	<b>E-Mail:</b>	susan.crandall@intelsat.com
<b>City:</b>	Washington	<b>State:</b>	DC
<b>Country:</b>	USA	<b>Zipcode:</b>	20008 -3006
<b>Attention:</b>	Susan H. Crandall		

30 days "with conditions"

File # SES-STA-20120120-00081

Call Sign KL92 Grant Date 01/23/2012  
(or other identifier)

Term Dates

From 01/24/2012 To: 02/25/2012

Approved: Paul E. Blakes



Conditions:

Applicant: Intelsat License LLC

File Number: SES-SAT-20120120-00081

Call Sign: KL92

Intelsat License LLC is granted a 30 day extension of SES-STA-20111115-01374 from 01/26/2012 through 02/25/2012 under the following conditions:

1. Operations under this authority are on a non-interference basis only.
2. Operations under this authority are on a non-protected basis only.



File # SES-STA-20120120-00081

Call Sign KL92 Grant Date 01/23/2012  
(or other identifier)

Term Dates  
From 01/26/2012 To: 02/25/2012

Approved: Paul E. Hieb

**2. Contact**

**Name:** Susan H. Crandall      **Phone Number:** 202-944-7848  
**Company:** Intelsat Corporation      **Fax Number:** 202-944-7870  
**Street:** 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. CityCastle 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: 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;"> <p>Intelsat License LLC herein requests a 30-day extension, through February 25, 2012, of the Special Temporary Authority previously granted to use its Castle Rock, Colorado Ku-band earth station, call sign KL92, to provide launch and early orbit phase services for the SES-4 satellite.</p> </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.	
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.**

January 20, 2012

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



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

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests a 30-day extension ---- through February 25, 2012 --- of the Special Temporary Authority (“STA”)<sup>1</sup> previously granted Intelsat to use its Castle Rock, Colorado Ku-band earth station --- call sign KL92 --- to provide launch and early orbit phase (“LEOP”) services for the SES-4 satellite. As a result of a launch delay, SES-4 is now scheduled to be launched on January 27, 2012.<sup>2</sup> The LEOP period is expected to last approximately 10 days.<sup>3</sup>

The SES-4 LEOP operations will be performed in the following frequency bands: 14499.0 MHz and 14496.0 MHz (uplink) and 11451.0 MHz, 11454.0 MHz, 12500.5 MHz and 12502.0 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.<sup>4</sup> 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 SES-4 LEOP mission is as follows:

Ph.: (202) 944-7701 – East Coast Operations Center (primary)  
(310) 525-5900 – West Coast Operations Center (back-up)  
Request to speak with Harry Burnham or Kevin Bell.

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<sup>1</sup> Intelsat has filed its STA request, an FCC Form 159, a \$180.00 filing fee and this supporting letter electronically via the International Bureau’s Filing System (“IBFS”).

<sup>2</sup> The permanent orbital location for SES-4 will be 22.0° W.L. The satellite will be in-orbit tested at 26.0° W.L.

<sup>3</sup> Intelsat is seeking authority through February 25, 2012 to accommodate any further launch delay.

<sup>4</sup> Space Systems Loral, which is managing the SES-4 launch mission, is handling the coordination.

Ms. Marlene H. Dortch  
January 20, 2012  
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In further support of this request, Intelsat incorporates by reference the exhibits to its original STA request, which contain a waiver request, as well as technical information that demonstrates that the operation of the earth station will be compatible with its 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, Intelsat will take all reasonable steps to eliminate the interference.

Grant of this STA extension request will continue to allow Intelsat to help launch the SES-4 satellite to the 22.0° 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 extension request to the undersigned at (202) 944-7848.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Susan H. Crandall", written in a cursive style.

Susan H. Crandall  
Assistant General Counsel  
Intelsat Corporation

Cc: Paul Blais