

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:  
Request for Special Temporary Authority Using Castle Rock, Colorado Earth Station KL92 - Expedited Treatment Requested

1. Applicant

**Name:** Intelsat License LLC **Phone Number:** 703-559-7848  
**DBA Name:** **Fax Number:** 703-559-8539  
**Street:** c/o Intelsat Corporation **E-Mail:** susan.crandall@intelsat.com  
7900 Tysons One Place  
**City:** McLean **State:** VA  
**Country:** USA **Zipcode:** 22102 -5972  
**Attention:** Susan H. Crandall

"With Conditions"

30 days

File # SES-STA-20150520-00302

Call Sign KL92 Grant Date 05/24/2015  
(or other identifier)

Term Dates  
From 05/27/2015 To: 06/22/2015

Approved: *[Signature]*




Applicant: Intelsat License, LLC  
File No.: SES-STA-20150520-00302  
Call Sign: KL92  
Special Temporary Authority (STA)

Intelsat License, LLC is granted special temporary authority, for 30 days, beginning May 27, 2015, to use its Castle Rock, Colorado Ku-band earth station, Call Sign KL92, to provide launch and early orbit phase (LEOP) services for SkyMexico-1/DIRECTV KU-79W satellite licensed by United States to its in-orbit test location at 77.5° W.L. on the center frequencies: (Earth-to-space) 14001 MHz and 14496.5 MHz (LHCP), and (space-to-Earth) 11700.75 MHz and 11702.25 MHz (RHCP), under the following conditions:

1. All operations must be within the coordinated emission and power limits.
2. The LEOP operations must be coordinated with all operators of satellites that use the same frequency bands and are in the LEOP path. 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. Currently the 24x7 contact information for the SkyMexico-1/DIRECTV KU-79W satellite LEOP mission is as follows: Ph.: (703) 559-7701 –East Coast Operations Center (primary); (310) 525-5591- West Coast Operations Center (back-up). Requests to speak with Harry Burnham or Kevin Bell.
3. All operations under this grant of STA shall be on an unprotected and non-harmful interference basis. Intelsat's KL92 shall not cause harmful interference to, and shall not claim protection from interference caused to it by, any other lawfully operating radio communication system.
4. Grant of this authorization is without prejudice to any determination that the Commission may make regarding pending or future Intelsat License LLC applications.
5. This STA can only be used to provide launch and early orbit phase ("LEOP") services for the SkyMexico-1/DIRECTV KU-79W satellite.
6. Any action taken or expense incurred as a result of operations pursuant to this STA is solely at Intelsat License LLC's risk.

This grant is issued pursuant to Section 0.261 of the Commission's rules on delegated authority, 47 C.F.R. § 0.261, and is effective upon release.

*30 days* *"with conditions"*

 <b>GRANTED</b> International Bureau	File # <u>SES-STA-20150520-00302</u>
	Call Sign. <u>KL92</u> Grant Date <u>05/26/2015</u> (or other identifier)
	Term Dates From <u>05/27/2015</u> To: <u>06/26/2015</u>
	Approved: <u>[Signature]</u>



**INTELSAT.**

*Envision. Connect. Transform.*

May 20, 2015

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  
Expedited Treatment Requested**

Dear Ms. Dortch:

Intelsat License LLC ("Intelsat") herein requests an expedited grant of Special Temporary Authority ("STA")<sup>1</sup> for 30 days, commencing May 27, 2015, to use its Castle Rock, Colorado Ku-band earth station—call sign KL92—to provide launch and early orbit phase ("LEOP") services for SkyMexico-1, also known as DIRECTV KU-79W, which is expected to be launched on May 27, 2015.<sup>2</sup> The LEOP period is expected to last approximately 10 days.<sup>3</sup>

The proposed operations will be performed using the following frequencies: 14001.0 MHz and 14496.5 MHz in the uplink (LHCP), and 11700.75 MHz and 11702.25 MHz in the downlink (RHCP). The proposed 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 potentially affected satellites 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 SkyMexico-1 mission is as follows:

Ph.: (703) 559-7701 – East Coast Operations Center (primary)  
(310) 525-5591 – West Coast Operations Center (back-up)

Request to speak with Harry Burnham or Kevin Bell.

---

<sup>1</sup> Intelsat has filed its STA request, an FCC Form 159, a \$195.00 filing fee, and this supporting letter electronically via the International Bureau's Filing System ("IBFS").

<sup>2</sup> The in-orbit testing location for SkyMexico-1 will be 77.5° W.L.; the permanent orbital location will be 78.8° W.L. SkyMexico-1 has been licensed by the United States. See *Policy Branch Information; Actions Taken*, Report No. SAT-00882, File No. SAT-LOA-20120316-00051, (Jul. 13, 2012 (Public Notice), as modified, Report No. SAT-01054, File No. SAT-MOD-20140902-00098 (Nov. 21, 2014) (Public Notice).

<sup>3</sup> Intelsat is seeking authority for 30 days to accommodate a possible launch delay.

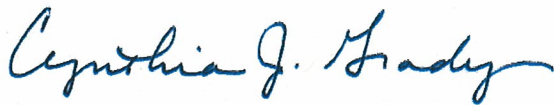
<sup>4</sup> Orbital ATK, the manager of the SkyMexico-1 LEOP mission, will handle the coordination.

Ms. Marlene H. Dortch  
May 20, 2015  
Page 2

Grant of this STA request will allow Intelsat to help launch the SkyMexico-1 satellite. This, in turn, will provide high quality direct-to-home satellite service, including high-definition video, at the 78.8° E.L. orbital location and thereby promotes the public interest.

Please direct any questions regarding this expedited STA request to the undersigned at (703) 559-6949.

Respectfully submitted,

A handwritten signature in blue ink that reads "Cynthia J. Grady". The signature is written in a cursive style with a large initial "C".

Cynthia J. Grady  
Regulatory Counsel  
Intelsat Corporation

cc: Paul Blais

<b>2. Contact</b>			
<b>Name:</b>	Cynthia J. Grady	<b>Phone Number:</b>	703-559-6949
<b>Company:</b>	Intelsat Corporation	<b>Fax Number:</b>	703-559-8539
<b>Street:</b>	7900 Tysons One Place	<b>E-Mail:</b>	cynthia.grady@intelsat.com
<b>City:</b>	McLean	<b>State:</b>	VA
<b>Country:</b>	USA	<b>Zipcode:</b>	22102 -5972
<b>Attention:</b>		<b>Relationship:</b>	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 CGX - Fixed Satellite Transmit/Receive Earth Station			
5. Type Request			
<input type="radio"/> Use Prior to Grant <input type="radio"/> Change Station Location <input checked="" type="radio"/> 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:  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.)	<p>Intelsat License LLC herein requests an expedited grant of Special Temporary Authority for 30 days, commencing May 27, 2015, to use its Castle Rock, Colorado Ku-band earth station, call sign KL92, to provide launch and early orbit phase services for the SkyMexico-1 satellite, also known as DIRECTV KU-79W. The satellite is expected to be launched on May</p>
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"; party to the application; for these purposes.	<p>Yes <input checked="" type="radio"/> No <input type="radio"/></p>
14. Name of Person Signing Cynthia J. Grady	15. Title of Person Signing Regulatory Counsel, Intelsat Corporation
<p>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).</p>	

**FCC NOTICE REQUIRED BY THE PAPERWORK REDUCTION ACT**

The public reporting for this collection of information is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the required data, and completing and reviewing the collection of information. If you have any comments on this burden estimate, or how we can improve the collection and reduce the burden it causes you, please write to the Federal Communications Commission, AMD-PERM, Paperwork Reduction Project (3060-0678), Washington, DC 20554. We will also accept your comments regarding the Paperwork Reduction Act aspects of this collection via the Internet if you send them to [PRA@fcc.gov](mailto:PRA@fcc.gov). PLEASE DO NOT SEND COMPLETED FORMS TO THIS ADDRESS.

Remember – You are not required to respond to a collection of information sponsored by the Federal government, and the government may not conduct or sponsor this collection, unless it displays a currently valid OMB control number or if we fail to provide you with this notice. This collection has been assigned an OMB control number of 3060-0678.

**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**

Intelsat License LLC herein requests an expedited grant of Special Temporary Authority for 30 days, commencing May 27, 2015, to use its Castle Rock, Colorado Ku-band earth station, call sign KL92, to provide launch and early orbit phase services for the SkyMexico-1 satellite, also known as DIRECTV KU-79W. The satellite is expected to be launched on May 27, 2015.