


APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:  
Request for Extension of Special Temporary Authority Using Castle Rock, CO Earth Station E030096

1. Applicant

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



**GRANTED**  
International Bureau

**File #** SES-STA-20151202-00908  
**Call Sign** E030096 **Grant Date** 12-9-15  
 (or other identifier)  
**Term Dates**  
**From:** 12-9-15 **To:** 1-8-16  
**Approved:** *[Signature]*

Application: Intelsat License LLC  
Call Sign: E030096  
File No.: SES-STA-20151202-00908  
Special Temporary Authority (STA)



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Call Sign E030096 Grant Date 12-9-15  
(or other identifier)  
Term Dates  
From: 12-9-15 To: 1-8-16  
Approved: Paul E. Blais

Intelsat License LLC is granted a STA extension from SES-STA-20151103-00811, for 30 days, beginning December 9, 2015 to January 8, 2016, to operate its Ku-band earth station, Call Sign E030096, in Castle Rock, Colorado, to provide telemetry, tracking, and control (TT&C) services to the Intelsat 16 satellite (S2750) during its drift from 76.2° W.L. to 58.1° W.L. under the following conditions.

1. Intelsat will perform the operations in the uplink frequencies (Earth-to-space): 13997.50 MHz and 14499.50 MHz and the downlink frequencies (space-to-Earth): 12198.25 MHz and 12198.75 MHz within coordinated emission and power limits. The maximum EIRP shall not exceed 85 dBW per NTIA manual US 356.
2. All operators of satellites 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 Intelsat 16 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.
3. Operations, shall not cause harmful interference to, and shall not claim protection from, interference caused to it by any other lawfully operating station and it shall cease transmission(s) immediately upon notice of such interference.
4. In the event of any harmful interference under this grant of STA, Intelsat License LLC E030096 must cease operations immediately upon notification of such interference, and must inform the Commission, in writing, immediately of such an event.
5. Grant of this authorization is without prejudice to any determination that the Commission may make regarding pending or future Intelsat License LLC applications.
6. Any action taken or expense incurred as a result of operations pursuant to this STA is solely 'at Intelsat License LLC's risk.
7. Operations in the 13.75-14.0 GHz band may only exceed 85 dBw/carrier if an emergency situation exists and the applicant must notify [FCCOperationCenter@fcc.gov](mailto:FCCOperationCenter@fcc.gov) of the situation with a copy to [paul.blais@fcc.gov](mailto:paul.blais@fcc.gov).
8. Operations during the period December 6, 2015 to the date of this grant were authorized pursuant to Section 1.62 of the Commission's rules 47 C.F. R. § 1.62.
9. This action is issued pursuant to Section 0.261 of the Commission's rules on delegated authority, 47 C.F.R. §0.261, and is effective immediately.

<b>2. Contact</b>	
<b>Name:</b> Intelsat License LLC	<b>Phone Number:</b> 703-559-6949
<b>Company:</b> c/o 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 37.0 N	

9. State	CO
10. Longitude (dd mm ss.s h)	104 48 24.0 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 additional 30 days, through January 4, 2016, of Special Temporary of Special Temporary Authority previously granted Intelsat to use its Castle Rock, Colorado Ku-band earth station, call sign E030096, to provide telemetry, tracking, and command services for Intelsat 16 (S2750) during its drift from 76.2 W.L. to</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 &quot;party to the application&quot;; 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 General Counsel, Intelsat Corporation
<p><b>WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND / OR IMPRISONMENT</b>  (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>	

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## **12. Description**

Intelsat License LLC herein requests an additional 30 days, through January 4, 2016, of Special Temporary of Special Temporary Authority previously granted Intelsat to use its Castle Rock, Colorado Ku-band earth station, call sign E030096, to provide telemetry, tracking, and command services for Intelsat 16 (S2750) during its drift from 76.2 W.L. to 58.1 W.L. Due to an unexpected delay, Intelsat 16 is expected to begin drifting shortly. The drift is expected to take ten weeks.



INTELSAT

Envision. Connect. Transform.

December 2, 2015

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

Re: Request for Extension of Special Temporary Authority  
Castle Rock, Colorado Earth Station E030096

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests an additional 30 days—through January 4, 2016—of Special Temporary of Special Temporary Authority (“STA”)<sup>1</sup> previously granted Intelsat to use its Castle Rock, Colorado Ku-band earth station—call sign E030096—to provide telemetry, tracking, and command (“TT&C”) services for Intelsat 16 (S2750)<sup>2</sup> during its drift from 76.2° W.L. to 58.1° W.L.<sup>3</sup> Due to an unexpected delay, Intelsat 16 is expected to begin drifting shortly. The drift is expected to take ten weeks.

TT&C operations will be performed in the following frequencies: 12198.25 MHz, 12198.75 MHz, 13997.5 MHz, and 14499.5 MHz. The drift operations will be coordinated with all operators of satellites that use the same frequency bands and are in the drift 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 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> See *Policy Branch Information; Actions Taken*, Report No. SAT-01114, File No. SAT-STA-20150925-00066 (Oct. 23, 2015) (Public Notice). See also *Policy Branch Information; Satellite Space Applications Accepted for Filing*, Report No. SAT-01113, File No. SAT-STA-20150925-00067 (Oct. 23, 2015) (Public Notice).

<sup>3</sup> See *Satellite Communications Services Information; Actions Taken*, Report No. SES-01798, File No. SES-STA-20151103-00811 (Nov. 12, 2015) (Public Notice).

<sup>4</sup> Intelsat will handle the coordination.

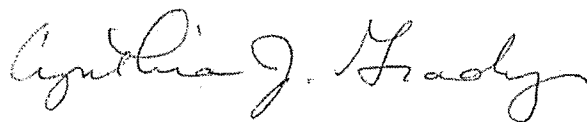
Ms. Marlene H. Dortch  
December 2, 2015  
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In further support of this request, Intelsat incorporates by reference Exhibit A submitted with its original request, which contains technical information that demonstrates that the operation of the earth station will be compatible with its electromagnetic environment and will not cause harmful interference into any lawfully operating terrestrial facility, or into Federal systems operating in the 13.75 -14.00 GHz band. 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 allow Intelsat to drift the Intelsat 16 satellite to its new location. This, in turn, will help satisfy customer demand at 58.1° W.L. orbital location and thereby promotes the public interest.

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

Respectfully submitted,

A handwritten signature in cursive script, reading "Cynthia J. Grady".

Cynthia J. Grady  
Regulatory Counsel  
Intelsat Corporation

cc: Paul Blais