


APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:  
Intelsat License LLC Request for Extension of STA Using Earth Station E040174 for Intelsat 34 On-Station TT&C

**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		

*60 days*      *"EXTENSION WITH CONDITIONS"*

 **File #** SES-STA-20151211-00930

**Call Sign** E040174 **Grant Date** 12/31/2015  
(or other identifier)

**Term Dates**  
**From** 12/16/2015 **To** 02/12/2016

**Approved:** Paul E. Blas


Applicant: Intelsat License LLC  
Call Sign: E040174  
File No.: SES-STA-20151211-00930  
Special Temporary Authority (STA)

Intelsat License LLC is granted extension for special temporary authority (SES-STA-20151014-00681), for 60 days, to use its fixed earth station in Castle Rock, CO, to provide on-station, telemetry, tracking, and command service to the Intelsat 34 (S2915) satellite operating at the 55.5 W.L. orbital location on the following center frequencies: 6173.7 MHz and 6176.3 MHz (Earth-to-space) and 3949.0 MHz, 3949.5 MHz, 3950.5 MHz, and 3951.0 MHz (space-to-Earth). Operations are authorized under the following conditions:

1. All operations under this grant of STA shall be on an unprotected and non-harmful interference basis.
2. In the event of any harmful interference during Intelsat License LLC shall cease operations immediately upon notification of such interference, and shall immediately inform the Commission, in writing, of such an event.
3. Grant of this STA is without prejudice to any determination that the Commission may make regarding pending or future Intelsat License LLC applications.
4. Any action taken or expense incurred as a result of operations pursuant to this STA is solely at License LLC's risk.

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. Petitions for reconsideration under Section 1.106 or applications for review under Section 1.115 of the Commission's rules, 47 C.F.R. §§ 1.106, 1.115, may be filed within 30 days of the date of the public notice indicating that this action was taken.

*60 days*                      *extended with conditions*

 <b>GRANTED</b> International Bureau	File # <u>SES-STA-20151211-00930</u>
	Call Sign <u>E040174</u> Grant Date <u>12/31/2015</u> (or other identifier)
	Term Dates From <u>12/12/2015</u> To <u>02/12/2016</u>
	Approved: <u>Paul E. Glens</u>

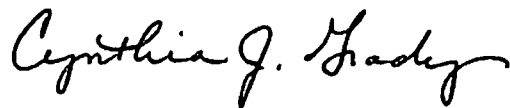
Ms. Marlene H. Dortch  
December 11, 2015  
Page 2

notes that it is seeking to operate in the frequencies listed in this request at power levels not to exceed 27.0 dBW.

Grant of this STA extension request will allow Intelsat to ensure the safe station-keeping of the Intelsat 34 satellite as a back-up to the satellite's primary TT&C antenna. This, in turn, will help ensure continuity of service at the 55.5° 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 that reads "Cynthia J. Grady".

Cynthia J. Grady  
Regulatory Counsel  
Intelsat Corporation

cc: Paul Blais



**INTELSAT.**

*Envision. Connect. Transform.*

December 11, 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 E040174

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests an additional 60 days—December 16, 2015 through February 12, 2016—of the Special Temporary Authority (“STA”)<sup>1</sup> previously granted Intelsat to use its Castle Rock, Colorado C-band earth station—call sign E040174—to provide on-station, telemetry, tracking, and command (“TT&C”) service to Intelsat 34 (S2915)<sup>2</sup> at its permanent location of 55.5° W.L.<sup>3</sup> E040174 will replace the satellite’s current back-up TT&C antennas.<sup>4</sup>

The Intelsat 34 operations will continue to be performed using the following frequencies:

6173.7 MHz and 6176.3 MHz in the uplink (LHCP); and  
3949.0 MHz, 3949.5 MHz, 3950.5 MHz, and 3951 MHz in the downlink (RHCP).

In further support of this request, Intelsat incorporates by reference Exhibit A submitted with its original STA 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, and the waiver request submitted with its original STA request. 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. Intelsat also

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<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 *Satellite Communications Services Information; Actions Taken*, Report No. SES-01799, File No. SES-STA-20151014-00681 (Nov. 18, 2015) (Public Notice).

<sup>3</sup> See *Policy Branch Information; Actions Taken*, Report No. SAT-01064, File No. SAT-LOA-20140114-00005 (Jan. 23, 2015) (Public Notice).

<sup>4</sup> Intelsat has a pending application to permanently modify its E040174 license to include TT&C operations for Intelsat 34. See *Intelsat License LLC Modification of License for Castle Rock, CO Earth Station, Call Sign E040174*, File No. SES-MFS-20151023-00762 (filed 10/23/2015).

<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> susan.crandall@intelsat.com
<b>City:</b> McLean	<b>State:</b> VA
<b>Country:</b> USA	<b>Zipcode:</b> 20008 -3006
<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.)	
<b>3. Reference File Number or Submission ID</b>	
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):	
<b>4b. Fee Classification</b> CGX - Fixed Satellite Transmit/Receive Earth Station	
<b>5. Type Request</b>	
<input type="radio"/> Use Prior to Grant <input type="radio"/> Change Station Location <input checked="" type="radio"/> Other	
<b>6. Requested Use Prior Date</b>	
<b>7. City</b> Castle Rock	<b>8. Latitude</b> (dd mm ss.s h) 39 16 33.0 N

9. State CO	10. Longitude (dd mm ss.s h) 104 48 34.0 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; margin: 10px 0;">IntelSAT License LLC herein requests an additional 60 days, from December 16, 2015, through February 12, 2016, of the Special Temporary Authority previously granted IntelSAT to use its Castle Rock, Colorado C-band earth station, call sign E040174, to provide on-station, telemetry, tracking, and command service to IntelSAT 34 (S2915) at its permanent</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 Cynthia J. Grady	15. Title of Person Signing Regulatory 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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## **12. Description**

Intelsat License LLC herein requests an additional 60 days, from December 16, 2015, through February 12, 2016, of the Special Temporary Authority previously granted Intelsat to use its Castle Rock, Colorado C-band earth station, call sign E040174, to provide on-station, telemetry, tracking, and command service to Intelsat 34 (S2915) at its permanent location of 55.5 W.L.