

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, Colorado Earth Station E881304 for TT&C to Intelsat 29e
Satellite

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



File # SES-STA-20160815-00726
E881304
Call Sign Grant Date 8/27/16
(or other identifier)
Term Dates
From: 8-25-16 To: 10-27-16
Approved: Susan H. Crandall

Applicant: Intelsat License LLC
Call Sign: E881304
File No.: SES-STA-20160815-00726

Intelsat License LLC is granted special temporary authority (STA) beginning August 25th, 2016, for 60 days, to operate its fixed earth station in Castle Rock, Colorado, Call sign E881304 to provide telemetry, tracking, and command ("TT &C") to the Intelsat 29e satellite at the 50.0°W.L. orbital location in the 5850.0-5853.5 MHz and 6421.0-6424.5 MHz (Earth-to-space) frequency bands and on the 3701.25 MHz, 3701.75 MHz, 3702.25 MHz, and 3702.75 MHz(space-to-Earth) center frequencies under the following conditions:

1. Grant of this STA is without prejudice to any determination that the Commission may make regarding pending or future Intelsat applications.
2. All operations under this grant of STA shall be on an unprotected and non-harmful interference basis. Intelsat E881304 shall not cause harmful interference to, and shall not claim protection from interference caused to it by, any other lawfully operating radio communication system.
3. In the event of any harmful interference as a result of operations under this grant of STA, Intelsat License LLC shall cease operations immediately upon notification of such interference and shall immediately inform the Commission, in writing, of such an event.
4. Operations of Intelsat E881304 with Intelsat 29e during the period of August 19, 2016 to the grant of this authorization were authorized pursuant to 47 C.F.R. §1.62.
5. 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.

 GRANTED International Bureau	File # <u>SES-STA-20160815-00726</u>
	Call Sign <u>E881304</u> (or other identifier)
	Grant Date <u>8-24-16</u>
	Term Dates From: <u>8-25-16</u> To: <u>10-24-16</u>
	Approved: <u>Paul S. Alan</u>

2. Contact	
Name: Cynthia J. Grady	Phone Number: 703-559-6949
Company: Intelsat Corporation	Fax Number: 703-559-8539
Street: 7900 Tysons One Place	E-Mail: cynthia.grady@intelsat.com
City: McLean	State: VA
Country: USA	Zipcode: 22102 -5972
Attention:	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?	
<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. CityCastle Rock	
8. Latitude (dd mm ss.s h) 39 16 34.0 N	

9. State CO	10. Longitude (dd mm ss.s h) 104 48 27.0 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;">Intelsat License LLC herein requests an additional 60 days, beginning August 19, 2016, of the Special Temporary Authority previously granted Intelsat to use its Castle Rock, Colorado Ku-band earth station, call sign E881304, to provide telemetry, tracking, and command to Intelsat 29e at its permanent location of 50.0 W.L.</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. Yes <input checked="" type="radio"/> No <input type="radio"/>	
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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INTELSAT

Envision. Connect. Transform.

August 11, 2016

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 E881304

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests an additional 60 days, beginning August 19, 2016, of the Special Temporary Authority (“STA”)¹ previously granted Intelsat to use its Castle Rock, Colorado Ku-band earth station—call sign E881304—to provide telemetry, tracking, and command (“TT&C”) to Intelsat 29e at its permanent location of 50.0° W.L.²

These TT&C operations will continue to be performed using the following frequencies: 3701.25 MHz, 3701.75 MHz, 3702.25 MHz, and 3702.75 MHz in the downlink; and 5850.0 - 5853.5 MHz and 6421.0 - 6424.5 MHz in the uplink. Intelsat has a pending application to modify the E881304 license to support Intelsat 29e TT&C operations at 50.0° W.L. on a permanent basis.³

In further support of this extension request, Intelsat incorporates by reference Exhibit A of its initial 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. Intelsat also notes that for purposes of this STA it is seeking to operate in the frequencies listed in the request at power levels not to exceed 26.0dBW.

The TT&C operations at 50.0° W.L. will be consistent with Intelsat’s coordination agreements for the nominal 50° W.L. In the unlikely event that harmful interference occurs, Intelsat will take all necessary steps to eliminate the interference.

Grant of this STA extension request will continue to allow Intelsat to provide TT&C services to the Intelsat 29e satellite at 50.0° W.L., which ensures safe station-keeping of the satellite. This, in turn, will

¹ 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”).

² See *Policy Branch Information; Actions Taken*, Report No. SAT-01872, File No. SES-STA-20160623-00603 (July 27, 2016) (Public Notice); *Policy Branch Information; Actions Taken*, Report No. SAT-01086, File No. SAT-LOA-20130722-0097 (May 22, 2015) (Public Notice).

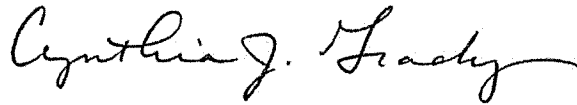
³ See *Application of Intelsat License LLC to Modify License*, File No. SES-MFS-20160712-00636 (filed July 12, 2016).

Ms. Marlene H. Dortch
August 11, 2016
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help ensure continuity of service at the 50.0° 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". The signature is written in black ink and is positioned above the typed name and title.

Cynthia J. Grady
Regulatory Counsel
Intelsat Corporation

cc: Paul Blais