

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:  
Request for Further Extension of 30-day STA To Use Castle Rock, Colorado Earth Station KL92 to Provide TT&C Services for  
Intelsat 5 (S2704) Satellite

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 US LLC 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		

*"with conditions"*

*30 days*

File # SES-STA-20190128-00061

Call Sign KL92 Grant Date 04/24/2019  
(or other identifier)

**Term Dates**

From: 04/24/2019 To: 08/24/2019

Approved: Susan H. Crandall



<b>2. Contact</b>	
<b>Name:</b> Cynthia J. Grady	<b>Phone Number:</b> 703-559-6949
<b>Company:</b> Intelsat US LLC	<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 26.9 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.) Intelsat requests an additional 30 days of Special Temporary Authority to use its Castle Rock, Colorado Ku-band earth station, Call Sign KL92, to continue providing telemetry, tracking, and command services for Intelsat 5 (Call Sign S2704) on station at 137.0 W.L.	
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 Senior Counsel, Intelsat US LLC
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.**

Applicant: Intelsat License LLC-  
File No.: SES-STA-20190128-00061  
Call Sign: KL92  
Special Temporary Authority



With conditions  
File # SES-STA-20190128-00061

Call Sign KL92 Grant Date 04/26/2019  
(or other identifier)

Term Dates  
From: 04/26/2019 To: 05/26/2019

Approved: [Signature]

Intelsat License LLC- ("Intelsat") is granted a special temporary authority for 30 days, starting April 26, 2019, to operate its earth station in Castle Rock, Colorado, to provide telemetry, tracking, and command ("TT&C") services for Intelsat 5 (S2704) on-station at 137.0° W.L. orbital location. Operations shall utilize frequencies 13.999 (RHCP) GHz, & 14.498 (H) GHz (Earth-to-space) and 11.451 (H,V, & RHCP) GHz, 11.452 (H,V, & RHCP) and 11.454 MHz (RHCP, and LHCP) (space-to-Earth) under the following conditions:

1. Operations will not exceed the operational power levels and parameters coordinated.
2. All operations under this grant of special temporary authority shall be on an unprotected and non-harmful interference basis. Intelsat 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 under this grant of special temporary authority, Intelsat must cease operations immediately upon notification of such interference, and must inform the Commission, in writing, immediately of such an event.
4. 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 Intelsat satellite is 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.
5. Any action taken or expense incurred as a result of operations pursuant to this special temporary authority is solely at Intelsat's risk.
6. Grant of this authorization is without prejudice to any determination that the Commission may make regarding pending or future Intelsat applications.
7. Operations during the period January 26, 2019 to the date of this grant were authorized pursuant to Section 1.62 of the Commission's rules 47 C.F.R. § 1.62.

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.



January 28, 2019

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

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

Dear Ms. Dortch:

IntelSat License LLC ("IntelSat") herein requests an additional 30 days of Special Temporary Authority ("STA")<sup>1</sup> previously granted IntelSat to use its Castle Rock, Colorado Ku-band earth station (Call Sign KL92) to continue providing telemetry, tracking, and command ("TT&C") services<sup>2</sup> for IntelSat 5 (Call Sign S2704) on-station at 137.0° W.L.<sup>3</sup>

TT&C operations will continue to be performed in the following frequencies: 14498 MHz (H) and 13999 MHz (RHCP) in the uplink; and 11451 MHz (H, V, and RHCP), 11452 MHz (H, V, and RHCP), and 11454 MHz (RHCP, and LHCP) in the downlink. On-station at 137.0° W.L., IntelSat will continue operate in conformance with FCC rules and any relevant coordination agreements. In further support of this further extension request, IntelSat incorporates by reference Exhibits A and B

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<sup>1</sup> IntelSat has filed its STA request, an FCC Form 159, a \$210.00 filing fee, and this supporting letter electronically via the International Bureau's Filing System ("IBFS"). This extension request is timely filed per the Federal Communications Commission's Public Notice. *Impact of Potential Lapse in Funding on Commission Operations*, DA 19-10, p. 4 (Jan. 2, 2019) (Public Notice).

<sup>2</sup> See, e.g. *Satellite Communications Services Information; Actions Taken*, Report No. SES-02128, File No. SES-STA-20181217-03494 (Dec. 26, 2018) (Public Notice).

<sup>3</sup> The original STA provided authority for the drift and on-station operations. IntelSat 5 arrived at 137.0° W.L. on May 30, 2018. IntelSat is also utilizing the following antennas on station for IntelSat 5: E060384, E140121, and KA258.

Ms. Marlene H. Dortch  
January 28, 2019  
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submitted with its original STA request,<sup>4</sup> which contain 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 further extension request will allow Intelsat to continue safely station-keep Intelsat 5 at its new location. This, in turn, will help meet a new service demand at the 137.0° W.L. orbital location and thereby promotes the public interest.

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

Respectfully submitted,

*/s/ Cynthia J. Grady*

Cynthia J. Grady  
Senior Counsel  
Intelsat US LLC

cc: Paul Blais

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<sup>4</sup> See *Satellite Communications Services Information; Actions Taken*, Report No. SES-02062, File No. SES-STA-20180504-00488 (May 16, 2018) (Public Notice). The license for KL92 covers multiple antennas. This STA further extension request seeks authority for two of those antennas: K01 and K16.