

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

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



File # SES-STA-20181004-02913
Call Sign KL92 Grant Date 10/9/2018
(or other identifier) Term Dates
From 10/11/2018 To: 11/9/2018
Approved: [Signature]

2. Contact	
Name: Cynthia J. Grady	Phone Number: 703-559-6949
Company: Intelsat US LLC	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. City/Castle Rock	
8. Latitude (dd mm ss.s h) 39 16 38.0 N	

9. State	CO	10. Longitude (dd mm ss.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.)			
<p style="border: 1px solid black; padding: 5px;"> Intelsat License LLC herein requests an additional 30 days of Special Temporary Authority previously granted Intelsat to use KI92 to continue providing telemetry, tracking, and command services for Intelsat 5 (Call Sign S2704) on station at 137.0 W.L. </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"; for these purposes.			
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
Call Sign: KL92
File No: SES-STA-20181004-02913
Special Temporary Authority (STA)

Intelsat License LLC ("Intelsat") is granted extension of special temporary authorization for 30 days to operate two 12.5 meter antennas, "K01" and "K16", at its Castle Rock, Colorado earth station to perform tracking, telemetry and command ("TT&C") for Intelsat 5 (Call Sign S2704) satellite during its drift from ^{on station at} ~~156.9° E.L.~~ to 137.0° W.L. on center frequencies 14498 MHz (H) and 13999 MHz (RHCP) (Earth-to-space); and 11451 MHz (H, V, and RHCP), 11452 MHz (H, V, and RHCP), and 11454 MHz (RHCP, LHCP) (space-to-Earth) under the following conditions:

1. Operations shall be on an unprotected, non-interference basis with respect to other authorized stations, including federal stations.
2. Any future requests or extensions will need to submit applications to the FCC to be re-coordinated with NTIA.
3. Any action taken or expense incurred as a result of operations pursuant to this STA is solely at Intelsat's risk.

This grant is issued pursuant to Section 0.26 1 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-20181004-02913</u>
	Call Sign <u>KL92</u> Grant Date <u>10/9/2018</u> (or other identifier)
	Term Dates From <u>10/11/2018</u> To: <u>11/9/2018</u>
	Approved: <u>Paul E. Hoover</u>



October 3, 2018

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”)¹ 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”) services² for Intelsat 5 (Call Sign S2704) on-station at 137.0° W.L.³

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 submitted with its original STA request,⁴ 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

¹ 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”).

² See, e.g. *Satellite Communications Services Information; Actions Taken*, Report No. SES-02096, File No. SES-STA-20180827-02496 (Sept. 12, 2018) (Public Notice).

³ 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.

⁴ The license for KL92 covers multiple antennas. This STA further extension request seeks authority for two of those antennas: K01 and K16. A technical exhibit is included in the original STA request for each antenna.

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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