


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 STA Using Castle Rock, Colorado Earth Station KL92 for Intelsat 1R TT&C Drift

**I. 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<br>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                                 |                      |                             |

30 days Extension "with conditions"  
File # SES-STA-20170228-00216  
Call Sign KL92 Grant Date 03/01/2017  
(or other identifier)  
Term Dates  
From 03/03/2017 To 04/02/2017  
Approved: Paul E. Kelly



Application: Intelsat License, LLC  
File No.: SES-STA-20170228-00216  
Call Sign: KL92  
Special Temporary Authority

Intelsat License LLC is granted special temporary authority (STA) extension from SES-STA-20170125-00067, for 30 days, beginning March 3, 2017, to operate its fixed earth stations in Castle, Rock, Colorado (call signs: KL92), to provide telemetry, tracking, and command ("TT &C") to the Intelsat 1R (S2368) satellite during its drift from 50.1° W.L. to 169.2° E.L. orbital locations on the 13995.00 MHz and 14498.50 MHz (Earth-to-space); and 11696.00 MHz and 11697.00 MHz (space-to-Earth) center frequencies under the following conditions:

1. 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 1R satellite 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.
2. All operations under this grant of STA 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 as a result of operations under this grant 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. Grant of this STA is without prejudice to any determination that the Commission may make regarding pending or future Intelsat applications.
5. Any action taken or expense incurred as a result of operations pursuant to this STA is solely at Intelsat License LLC's risk.
6. 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.

*30 days*      *Extension with conditions*

|   |   |
|---|---|
| <br><b>GRANTED</b><br>International Bureau | <b>File #</b> <u>SES-STA-20170228-00216</u>   |
|   | <b>Call Sign</b> <u>KL92</u> <b>Grant Date</b> <u>03/01/2017</u><br>(or other identifier) |
|   | <b>Term Dates</b><br><b>From</b> <u>03/03/2017</u> <b>To</b> <u>04/02/2017</u>            |
|   | <b>Approved:</b> <u>Paul E. Altier</u>  |
|   |   |



**INTELSAT.**

*Envision. Connect. Transform.*

February 27, 2017

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 provide telemetry, tracking, and command (“TT&C”) services for Intelsat 1R (S2368) during its drift from 50.1° W.L. to 169.2° E.L.<sup>2</sup> Intelsat 1R began drifting on January 4, 2017 and the drift will take approximately four months.<sup>3</sup>

TT&C operations will continue to be performed in the following frequencies: 13995 MHz and 14498.5 MHz (Earth-to-space); and 11696 MHz and 11697 MHz (space-to-Earth). The drift operations will continue to 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.

In further support of this further extension request, Intelsat incorporates by reference Exhibit A, which contains technical information that demonstrates that the operation of the earth station will be

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<sup>1</sup> Intelsat has filed its STA request, an FCC Form 159, a \$200.00 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-001927, File No. SES-STA-20170125-00067 (Feb. 8, 2017) (Public Notice); *Satellite Communications Services information; Actions Taken*, Report No. SES-01918, File No. SES-STA-20161215-00956 (Jan. 4, 2017) (Public Notice).

<sup>3</sup> See *Policy Branch Information; Actions Taken*, Report No. SAT-01208, File No. SAT-STA-20161018-00099 (Dec. 23, 2016) (Public Notice).

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

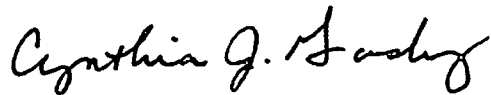
Ms. Marlene H. Dortch  
February 27, 2017  
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compatible with its electromagnetic environment and will not cause harmful interference into any lawfully operating terrestrial facility, or into Federal systems operating in the 13.75-14.00 GHz band. In 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 drifting the Intelsat 1R satellite to its new location. This, in turn, will help Intelsat meet a potential service demand at 169.2° E.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,



Cynthia J. Grady  
Regulatory Counsel  
Intelsat Corporation

cc: Paul Blais

**2. Contact**

|                   |                       |                      |                            |
|-------------------|-----------------------|----------------------|----------------------------|
| <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>       | 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?

If Yes, complete and attach FCC Form 159. If No, indicate reason for fee exemption (see 47 C.F.R. Section 1.1114).

Governmental Entity  Noncommercial educational licensee

Other (please explain):

4b. Fee Classification CGX - Fixed Satellite Transmit/Receive Earth Station

**5. Type Request**

Use Prior to Grant

Change Station Location

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<br>(dd mm ss.s h) 104 48 25.0 W                           |
| 11. Please supply any need attachments.<br>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.)<br><div style="border: 1px solid black; padding: 5px; margin: 10px 0;">Intelsat License LLC herein requests an additional 30 days of Special Temporary Authority previously granted Intelsat to use its Castle Rock, Colorado Ku-band earth station, call sign KL92, to provide telemetry, tracking, and command services for Intelsat 1R (S2368) during its drift from 50.1 W.L. to 169.2 E.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. <input checked="" type="radio"/> Yes <input type="radio"/> No                                       |   |
| 14. Name of Person Signing<br>Cynthia J. Grady   | 15. Title of Person Signing<br>Regulatory Counsel, Intelsat Corporation |
| WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND / OR IMPRISONMENT<br>(U.S. Code, Title 18, Section 1001), AND/OR REVOCATION OF ANY STATION AUTHORIZATION<br>(U.S. Code, Title 47, Section 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, Section 503).  |   |

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