

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 STA to Utilize a 1.2m Ku-band Antenna, Call Sign E190100

1. Applicant

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



File # SES-STA-20190412-00506  
Call Sign E190100 Grant Date 5-1-19  
(or other identifier)  
Term Dates 7-1-19  
From: 5-1-19 To: 7-1-19  
Approved: \_\_\_\_\_

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|--------------------------------------------------------|----------------------------|
| <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 SESLIC2019030100223 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/Napa                                                                                                                                                                          |                       | 8. Latitude<br>(dd mm ss.s h)    38    14    43.2    N |                            |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                 |                                                                                                                                                                                                                                                                                                                                                                                                                     |               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| 9. State                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | CA                              | 10. Longitude<br>(dd mm ss.s h)                                                                                                                                                                                                                                                                                                                                                                                     | 122 16 51.1 W |
| 11. Please supply any need attachments.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                 | 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;"> <p>Intelsat License LLC herein requests an additional 60 days of Special Temporary Authority previously granted Intelsat to continue utilizing a 1.2 m Ku-band antenna (Call Sign E190100) located at its Napa, California teleport to communicate with Horizons 3e (Call Sign S2947) to act as a network integrity monitor for a mobility network.</p> </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. <div style="text-align: right;"> Yes <input checked="" type="radio"/> No <input type="radio"/> </div> |                                 |                                                                                                                                                                                                                                                                                                                                                                                                                     |               |
| 14. Name of Person Signing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 15. Title of Person Signing     |                                                                                                                                                                                                                                                                                                                                                                                                                     |               |
| Cynthia J. Grady                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Senior Counsel, Intelsat US LLC |                                                                                                                                                                                                                                                                                                                                                                                                                     |               |
| 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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**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: E190100  
File No.: SES-STA-20190412-00506  
Special Temporary Authority

Intelsat License LLC is granted special temporary authority for 60 days, commencing May 1, 2019, to operate a 1.2 meter antenna located at its Napa, CA teleport to communicate with the Horizons 3e (S2947) satellite at 169 E.L. in the 12.2-12.7 GHz (space-to-Earth) and 14.0-14.5 GHz (Earth-to-space) frequency bands under the following conditions:

1. 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.
2. In the event of any harmful interference 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 Intelsat License LLC's risk.
5. This grant is without prejudice to actions on Intelsat License LLC pending application, IBFS File No. SES-LIC-20190301-00223.
6. Operations of this antenna during the period after grant of SES-STA-20190214-00103 expired to the grant of this special temporary authority was authorized under 47 CFR §1.62.

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.



File # SES-STA-20190412-00506  
Call Sign E190100 Grant Date 5-1-19  
(or other identifier)  
Term Dates  
From: 5-1-19 To: 7-1-19  
Approved: \_\_\_\_\_

April 12, 2019

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  
1.2 m Ku-band Antenna, Napa, California; Call Sign E190100

Dear Ms. Dortch:

Intelsat License LLC ("Intelsat") herein requests an additional 60 days of Special Temporary Authority ("STA")<sup>1</sup> previously granted Intelsat to continue utilizing a 1.2 m Ku-band antenna (Call Sign E190100) located at its Napa, California teleport to communicate with Horizons 3e (Call Sign S2947) to act as a network integrity monitor for a mobility network.<sup>2</sup> Intelsat has filed an application to permanently license this antenna.<sup>3</sup>

Intelsat will continue to perform operations in the following frequency bands: 12.2-12.7 GHz and 14.00-14.50 GHz. In further support of this request, Intelsat incorporates by reference Exhibit A, a radiation hazard analysis report, submitted with its original STA request.

Grant of this STA extension request will allow Intelsat to continue verifying and maintaining performance of the Horizons 3e mobility network. This, in turn, will help ensure enhanced customer satisfaction and thereby promotes the public interest.

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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").

<sup>2</sup> See *Satellite Communications Services Information; Actions Taken*, Report No. SES-STA-20190214-00103 (Feb. 27, 2019) (Public Notice).

<sup>3</sup> See *Intelsat License LLC New 1.2m Ku-band Antenna at Napa, California Teleport*, File No. SES-LIC-20190301-00223 (filed 02/28/2019).

Ms. Marlene H. Dortch  
April 12, 2019  
Page 2

Please direct any questions regarding this STA 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