

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:  
Further Extension STA to Continue Operating an 8.1m Ku-band Antenna at Napa, CA Teleport

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 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                                 |                      |                             |



File # SES-STA-20160822-00732

Call Sign 824116 Grant Date 8-24-16  
(or other identifier)

Term Dates  
From: 9-11-16 To: 10-11-16


Approved: [Signature]

Applicant: Intelsat License LLC.  
File No.: SES-STA-20160822-00732  
Call Sign: None

Intelsat License LLC. (Intelsat) is granted special temporary authority for 30 days, beginning September 11, 2016, to operate its fixed earth station in Napa, California to provide communications services for the Intelsat 8 (S2460) satellite at 168.9 E.L. in the 14.0-14.5 GHz (Earth-to-space) frequency band on the following conditions:

1. In the event of any harmful interference as a result of operations under this grant of STA, Intelsat shall cease operations immediately upon notification of such interference and shall immediately inform the Commission, in writing, of such an event.
2. All operations shall be on an unprotected, non-interference basis to both government and non-government operations.
3. Any action taken or expense incurred as a result of operations pursuant to this STA is solely at Intelsat's own risk.
4. Grant of this authorization is without prejudice to any determination that the Commission may make regarding any pending or future Intelsat applications.

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.

|   |  |
|---|--|
| <br><b>GRANTED</b><br>International Bureau | <b>File #</b> <u>SES-STA-20160822-00732</u>                                      |
|   | <b>Call Sign</b> _____ <b>Grant Date</b> <u>8-24-16</u><br>(or other identifier) |
|   | <b>Term Dates</b><br><b>From:</b> <u>9-11-16</u> <b>To:</b> <u>10-11-16</u>      |
|   | <b>Approved:</b> <u>Paul E. Blair</u>  |

|   |                       |                      |                            |
|---|-----------------------|----------------------|----------------------------|
| <b>2. Contact</b>   |                       |                      |                            |
| <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?   |                       |                      |                            |
| <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. CityNapa   |                       |                      |                            |
| 8. Latitude<br>(dd mm ss.s h)   |                       |                      | 38 14 43.0 N               |

|  |   |
|--|---|
| 9. State CA  | 10. Longitude<br>(dd mm ss.s h) 122 16 51.0 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>Intelsat License LLC herein requests an additional 30 day further extension of Special Temporary Authority previously granted Intelsat to use an 8.1 meter Ku-band antenna located at its Napa, California teleport to provide communications services for the Intelsat 8 satellite (S2460) at 168.9 E.L. while the construction of an antenna in Kumsan,              |   |
| 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 &quot;party to the application&quot;; for these purposes. Yes <input checked="" type="radio"/> No <input type="radio"/> |   |
| 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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## **12. Description**

Intelsat License LLC herein requests an additional 30 day further extension of Special Temporary Authority previously granted Intelsat to use an 8.1 meter Ku-band antenna located at its Napa, California teleport to provide communications services for the Intelsat 8 satellite (S2460) at 168.9 E.L. while the construction of an antenna in Kumsan, South Korea is completed.



**INTELSAT**

*Envision. Connect. Transform.*

August 22, 2016

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

Re: Request for Further Extension of Special Temporary Authority to Operate an 8.1 meter Ku-band Antenna at Intelsat's Napa, California Teleport

Dear Ms. Dortch:

Intelsat License LLC ("Intelsat") herein requests an additional 30 day further extension of Special Temporary Authority ("STA")<sup>1</sup> previously granted Intelsat to use an 8.1 meter Ku-band antenna located at its Napa, California teleport<sup>2</sup> to provide communications services for the Intelsat 8 satellite (S2460)<sup>3</sup> at 168.9° E.L. while the construction of an antenna in Kumsan, South Korea is completed. Due to construction delays in South Korea, Intelsat expects to need to support Intelsat 8 with the 8.1 meter antenna through October 2016 in order to provide continuity of services to customers as the satellite continues to go into inclined orbit.

The proposed communication services will continue to be performed in the 14.0 – 14.5 GHz (Earth-to-space) band. Intelsat is seeking an extension of its authority to transmit only.

In support of this further extension request, Intelsat incorporates by reference Exhibits A and B submitted with its original STA<sup>4</sup>, which provides relevant technical parameters and a radiation hazard report.

Intelsat will continue to take all practical steps to protect radio astronomy services and will continue to operate on a non-protected, non-interference basis. In the extremely unlikely event

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<sup>1</sup> 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").

<sup>2</sup> See *Satellite Communications Services information; Actions Taken*, Report No. SES-01877, File No. SES-STA-20160808-00723 (Aug. 17, 2016) (Public Notice); *Satellite Communications Services information; Actions Taken*, Report No. SES-01868, File No. SES-STA-20160706-00632 (July 13, 2016) (Public Notice); *Satellite Communications Services information; Actions Taken*, Report No. SES-01860, File No. SES-STA-20160524-00449 (June 15, 2016) (Public Notice); *Satellite Communications Services information; Actions Taken*, Report No. SES-01848, File No. SES-STA-20160405-00318 (May 4, 2016) (Public Notice).

<sup>3</sup> See *Policy Branch Information; Actions Taken*, Report No. SAT-01139, File No. SAT-STA-MOD-20151021-00073 (Feb. 26, 2016) (Public Notice).

<sup>4</sup> See *Satellite Communications Services information; Actions Taken*, Report No. SES-001848, File No. SES-STA-20160405-00318 (May 4, 2016) (Public Notice).

Ms. Marlene H. Dortch  
August 22, 2016  
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that harmful interference should occur, Intelsat will take all reasonable steps to eliminate the interference.

Grant of this STA further extension request services the public interest by enabling Intelsat to continue providing continuity of service to customers at the nominal 168.9° E.L. location. 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".

Cynthia J. Grady  
Regulatory Counsel  
Intelsat Corporation

Cc: Paul Blais