

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 Utilizing Fillmore, CA Earth Station KA391 to Provide TT&C for Intelsat 805 Satellite

1. Applicant

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

File # SES-STA-2018-0220-00152  
KA391 Grant Date 4-6-18  
Call Sign (or other identifier)  
Term Dates From: 4-6-18 To: 5-6-18  
Approved: [Signature]



Applicant: Intelsat License LLC  
File No.: SES-STA-20180220-00152  
Call Sign: KA391  
Special Temporary Authority (STA)



File # SES-STA-20180220-00152  
Call Sign KA391 Grant Date 4-6-18  
(or other identifier)  
From: 4-6-18 Term Dates To: 5-6-18  
Approved: Paul E. Hides

Intelsat License, LLC. is granted a special temporary authority for 30 days, beginning April 06, 2018 to operate its C-band earth station in Fillmore, California to provide telemetry, tracking, and command (TT&C) services to Intelsat 805 (call sign S2404) at its permanent location of 169.0° E.L., using the following center frequencies: 6173.70 MHz and 6176.30 MHz (Earth-to-space), and 3947.50 MHz, 3948 M Hz, 3952 MHz, and 3952.50 MHz (space-to-Earth), 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 903 is as follows: Phone: (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 special temporary authority shall be on an unprotected and non-harmful interference basis. Intelsat's KA391 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 License LLC KA391, must cease operations immediately upon notification of such interference and must inform the Commission, in writing, immediately of such an event.
4. Grant of this authorization is without prejudice to any determination that the Commission may make regarding pending or future Intelsat License LLC applications.
5. Any action taken or expense incurred as a result of operations pursuant to this special temporary authority is solely at Intelsat License LLC's risk.
6. Operations during the period February 28, 2018 to the date of this grant were authorized pursuant to Section 1.62 of the Commission's rules 47 C.F.R. § 1.62.
7. 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.

|   |  |
|---|--|
| <b>2. Contact</b>   |  |
| <b>Name:</b> Susan H. Crandall  | <b>Phone Number:</b> 703-559-7848          |
| <b>Company:</b> Intelsat Corporation  | <b>Fax Number:</b> 703-559-8539            |
| <b>Street:</b> 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>   | <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<br><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/Fillmore  |  |
| 8. Latitude (dd mm ss.s h)    34    24    19.0    N   |  |

|   |   |
|---|---|
| 9. State CA   | 10. Longitude<br>(dd mm ss.s h) 118 53 36.0 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;"> <p>Intelsat License LLC herein requests an additional 30 days of Special Temporary Authority previously granted Intelsat to continue using its Fillmore, California C-band earth station, call sign KA391, to provide telemetry, tracking, and command services to Intelsat 805 at its permanent location of 169.0 E.L.</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. Yes <input checked="" type="radio"/> No <input type="radio"/>                            |   |
| 14. Name of Person Signing<br>Susan H. Crandall   | 15. Title of Person Signing<br>Assoc. General Counsel, Intelsat Corporation |
| 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).   |   |

**FCC NOTICE REQUIRED BY THE PAPERWORK REDUCTION ACT**

The public reporting for this collection of information is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the required data, and completing and reviewing the collection of information. If you have any comments on this burden estimate, or how we can improve the collection and reduce the burden it causes you, please write to the Federal Communications Commission, AMD-PERM, Paperwork Reduction Project (3060-0678), Washington, DC 20554. We will also accept your comments regarding the Paperwork Reduction Act aspects of this collection via the Internet if you send them to [PRA@fcc.gov](mailto:PRA@fcc.gov). PLEASE DO NOT SEND COMPLETED FORMS TO THIS ADDRESS.

Remember – You are not required to respond to a collection of information sponsored by the Federal government, and the government may not conduct or sponsor this collection, unless it displays a currently valid OMB control number or if we fail to provide you with this notice. This collection has been assigned an OMB control number of 3060-0678.

**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.**



**INTELSAT**

*Envision. Connect. Transform.*

February 20, 2018

Ms. Marlene H. Dortch  
Secretary  
Federal Communications Commission  
445 12th Street, SW  
Washington, DC 20554

Re: Request for Further Extension of Special Temporary Authority  
Fillmore, CA C-band Earth Station KA391

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 continue using its Fillmore, California C-band earth station—call sign KA391—to provide telemetry, tracking, and command (“TT&C”) services<sup>2</sup> to IntelSat 805 at its permanent location of 169.0° E.L.<sup>3</sup> IntelSat plans shortly to permanently modify its KA391 license to support IntelSat 805 TT&C services at 169.0° E.L.

The IntelSat 805 TT&C operations will continue to be performed at the following frequencies: 6173.7 MHz and 6176.3 MHz (CP) in the uplink, and 3947.5 MHz, 3948.0 MHz, 3952.0 MHz, and 3952.5 MHz (RHCP) in the downlink.

IntelSat will provide technical information demonstrating 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 as part of its application to permanently modify its KA391 license to include IntelSat 805 as an authorized point of communication. 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 continue to allow IntelSat to safely station-keep the satellite at 169.0° E.L. orbital location and thereby promotes the public interest.

---

<sup>1</sup> IntelSat has filed its STA request, 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*, Public Notice, Report No. SES-02031, File No. SES-STA-20180123-00057 (Jan. 31, 2018); *Satellite Communications Services Information; Actions Taken*, Public Notice, Report No. SES-02023, File No. SES-STA-20171222-01385 (Jan. 3, 2018).

<sup>3</sup> See *Policy Branch Information; Actions Taken*, Public Notice, Report No. SAT-01139, IBFS File No. SAT-AMD-20151120-00077 (Feb. 26, 2016).

Ms. Marlene H. Dortch  
February 20, 2018  
Page 2

For the reasons set forth herein, Intelsat respectfully requests that the Commission grant this STA further extension request. Please direct any questions regarding this request to the undersigned at (703) 559-7848.

Sincerely,

/s/ Susan H. Crandall  
Susan H. Crandall  
Associate General Counsel  
Intelsat Corporation

Cc: Paul Blais