

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 Special Temporary Authority Using Paumalu, HI Earth Station KA265

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 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-20160129-00103

**Call Sign** KA265      **Grant Date** 02/03/2016  
(or other identifier)

**Term Dates**  
**From** 2/04/2016      **To:** 03/04/2016

**Approved:** Paul E. Black



Application: Intelsat License LLC  
Call Sign: KA265  
File No.: SES-STA-20160129-00103  
Special Temporary Authority (STA)



*Extension with conditions*  
File # SES-STA-20160129-00103  
Call Sign KA265 Grant Date 02/03/2016  
(or other identifier)  
From 2/04/2016 Terra Dates To: 03/04/2016  
Approved: Paul E. Haas

Intelsat License LLC is granted a STA extension from SES-STA-20151222-00971, for 30 days, beginning February 4, 2016, to operate its C-band earth station, call sign KA265, in Paumalu, Hawaii, to conduct telemetry, tracking, and command ("TT&C") services for Intelsat 805 satellite (S2404) to drift the space station from the 55.5° W.L. orbital location to the 169° E.L. under the following conditions:

1. Intelsat will perform the operations in the uplink frequencies (Earth-to-space): 6173.70 MHz and 6176.30 MHz and the downlink frequencies (space-to-Earth): 3947.50 MHz, 3948.00 MHz, 3952.00 MHz and 3952.50 MHz, within coordinated emission and power limits.
2. During the drift from 55.5 W.L. to the satellite's permanent orbital location 169° E.L., Intelsat will coordinate with operators of co-frequency satellites in the drift path.
3. 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 805 mission 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.
4. All operations under this grant of STA shall be on an unprotected and non-harmful interference basis. Intelsat's KA265 shall not cause harmful interference to, and shall not claim protection from interference caused to it by, any other lawfully operating radio communication system.
5. In the event of any harmful interference under this grant of STA, Intelsat License LLC KA265 must cease operations immediately upon notification of such interference, and must inform the Commission, in writing, immediately of such an event.
6. Grant of this authorization is without prejudice to any determination that the Commission may make regarding pending or future Intelsat License LLC applications.
7. Any action taken or expense incurred as a result of operations pursuant to this STA is solely 'at Intelsat License LLC's risk.
8. 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.

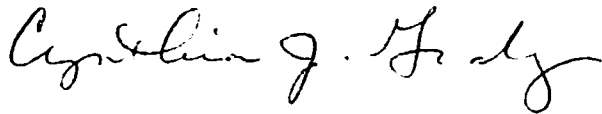
Ms. Marlene H. Dortch  
January 29, 2016  
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In further support of this request, Intelsat incorporates by reference Exhibit A submitted with its original STA, which contains technical information that demonstrates that the operation of the earth station will be compatible with its electromagnetic environment and will not cause harmful interference into any lawfully operating terrestrial facility. 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 805 satellite to its new location. This, in turn, will help satisfy customer demand at 169.0° 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,

A handwritten signature in cursive script, appearing to read "Cynthia J. Grady".

Cynthia J. Grady  
Regulatory Counsel  
Intelsat Corporation

cc: Paul Blais



**INTELSAT.**

*Envision. Connect. Transform.*

January 29, 2016

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  
Paumalu, Hawaii Earth Station KA265

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests an additional 30 days, beginning February 4, 2016, of the Special Temporary Authority (“STA”)<sup>1</sup> previously granted Intelsat to use its Paumalu, Hawaii C-band earth station—call sign KA265—to provide telemetry, tracking, and command (“TT&C”) services for Intelsat 805 (S2404)<sup>2</sup> during its drift from 55.5° W.L. to 169.0° E.L.<sup>3</sup> Intelsat 805 began drifting on January 4, 2016. The drift is expected to take approximately three months.

TT&C operations will continue be performed in the following frequencies: 3947.5 MHz, 3948.0 MHz, 3952.0 MHz, 3952.5 MHz, 6173.7 MHz, and 6176.3 MHz. The drift operations will 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.

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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-01813, File No. SES-STA-20151222-00971 (Jan. 13, 2016) (Public Notice); *Satellite Communications Services information; Actions Taken*, Report No. SES-01804, File No. SES-STA-20151118-00851 (Dec. 2, 2015) (Public Notice).

<sup>3</sup> See *Policy Branch Information; Satellite Space Applications Accepted for Filing*, Report No. SAT-01112, File No. SAT-STA-20151002-00068 (Oct. 16, 2015) (Public Notice). See also *Satellite Space Applications Accepted for Filing*, Report No. SAT-01122, File No. SAT-MOD-20151020-00072 (Dec. 11, 2015) (Public Notice).

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

<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.)	
<b>3. Reference File Number or Submission ID</b>	
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):	
<b>4b. Fee Classification</b> CGX – Fixed Satellite Transmit/Receive Earth Station	
<b>5. Type Request</b>	
<input type="radio"/> Use Prior to Grant <input type="radio"/> Change Station Location <input checked="" type="radio"/> Other	
<b>6. Requested Use Prior Date</b>	
<b>7. City Paumalu</b>	<b>8. Latitude</b> (dd mm ss.s h) 21 40 27.0 N

9. State HI	10. Longitude (dd mm ss.s h) 158 2 16.0 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.) <div style="border: 1px solid black; padding: 5px; margin: 10px 0;">IntelSat License LLC herein requests an additional 30 days, beginning February 4, 2016, of the Special Temporary Authority previously granted IntelSat to use its Paumalu, Hawaii C-band earth station, call sign KA265, to provide telemetry, tracking, and command services for IntelSat 805 during its drift from 55.5 W.L. to 169.0 E.L. IntelSat 805 began</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 Cynthia J. Grady	15. Title of Person Signing Regulatory Counsel, IntelSat Corporation
<b>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).</b>	

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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.**

## **12. Description**

Intelsat License LLC herein requests an additional 30 days, beginning February 4, 2016, of the Special Temporary Authority previously granted Intelsat to use its Paumalu, Hawaii C-band earth station, call sign KA265, to provide telemetry, tracking, and command services for Intelsat 805 during its drift from 55.5 W.L. to 169.0 E.L. Intelsat 805 began drifting on January 4, 2016. The drift is expected to take approximately three months.