

Approved by OMB  
3060-0678

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 Special Temporary Authority Using Paumalu, HI Earth Station KA265 for Intelsat 805

1. Applicant

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



File # SES-STA-20160415-00351

Call Sign KA265 Grant Date 04/20/2016  
(or other identifier)

From 05/01/2014 To: 06/30/2016

Approved: Paul E. Hader

Application: Intelsat License LLC  
Call Sign: KA265  
File No.: SES-STA-20160415-00351  
Special Temporary Authority

Intelsat License LLC is granted a special temporary authority extension from SES-STA-20160301-00186, for 60 days, beginning May 2, 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) at the orbital location 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. All operations under this grant of special temporary authority 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.
3. In the event of any harmful interference under this grant of special temporary authority, Intelsat License LLC 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. 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.

60 days      "Extension with conditions"

File # SES-STA-20160415-00351

Call Sign KA265 Grant Date 04/30/2016  
(or other identifier)

Term Dates  
From 05/01/2016 To 06/30/2016

Approved: Paul E. Hahn

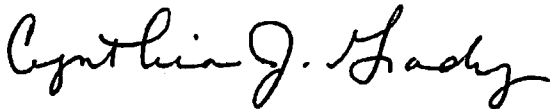
  
**GRANTED**  
International Bureau

Ms. Marlene H. Dortch  
April 15, 2016  
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Grant of this STA extension request will allow Intelsat to continue providing TT&C services to the Intelsat 805 satellite at its new location. This, in turn, will help ensure the satellite's safe station-keeping 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, reading "Cynthia J. Grady". The signature is written in black ink and is positioned above the printed name and title.

Cynthia J. Grady  
Regulatory Counsel  
Intelsat Corporation

cc: Paul Blais

April 15, 2016

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 to Utilize Paumalu, Hawaii Earth Station, KA265, to Perform Tracking, Telemetry, and Control for Intelsat 805 Satellite

Dear Ms. Dortch:

Intelsat License LLC ("Intelsat") herein requests an additional 60 days, beginning May 2, 2016, of the Special Temporary Authority ("STA")<sup>1</sup> previously granted Intelsat to utilize its Paumalu, Hawaii C-band antenna, KA265, to conduct Tracking, Telemetry, and Control ("TT&C")<sup>2</sup> for the Intelsat 805 satellite (Call Sign S2404) at 169.0° E.L.<sup>3</sup> Intelsat 805 arrived on station on February 27, 2016.

The Intelsat 805 TT&C operations will continue to be performed using the following frequencies: 3947.5 MHz, 3948.0 MHz, 3952.0 MHz, 3952.5 MHz, 6173.7 MHz, and 6176.3 MHz. Intelsat has filed an application to permanently modify the KA265 license to allow for TT&C operations at 169.0° E.L.<sup>4</sup> Intelsat will continue to perform TT&C operations proposed herein in accordance with its coordination agreements for 169.0° E.L. and on a non-interference/non-protected basis.

Intelsat incorporates by reference its pending application for authority to use this antenna to transmit in these frequencies on a permanent basis.<sup>5</sup> The application contains detailed technical information (Exhibits A and B) that demonstrates 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.

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<sup>1</sup> Intelsat has filed its STA request, an FCC Form 159, and a \$195.00 filing fee electronically via the International Bureau's Filing System.

<sup>2</sup> See *Satellite Communications Services Information; Actions Taken*, Report No. SES-01832, File No. SES-STA-20160301-00186 (March 9, 2016) (Public Notice).

<sup>3</sup> See *Policy Branch Information; Actions Taken*, Report No. SAT-01139, File No. SAT-MOD-20151020-00072 (Feb. 26, 2016) (Public Notice); *Policy Branch Information; Actions Taken*, Report No. SAT-01121, File No. SAT-STA-20151002-00068 (Dec. 4, 2015) (Public Notice).

<sup>4</sup> See *Satellite Communications Services; Satellite Radio Applications Accepted for Filing*, Report No. SES-01835, File No. SES-MFS-20160229-00177 (March 23, 2016) (Public Notice).

<sup>5</sup> *Id.*

**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** Paumalu

**8. Latitude**  
(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: 10px; margin: 10px 0;">           Intelsat License LLC herein requests an additional 60 days, beginning May 2, 2016, of the Special Temporary Authority previously granted Intelsat to utilize its Paumalu, Hawaii C-band antenna, KA265, to conduct Tracking, Telemetry, and Control for the Intelsat 805 satellite (Call Sign S2404) at 169.0 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. <div style="text-align: right;"> <input checked="checked" type="radio"/> Yes                      <input type="radio"/> No         </div>	
14. Name of Person Signing Cynthia J. Grady	15. Title of Person Signing Regulatory 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).	

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