

S2382 SAT-STA-20190522-00041 IB2019001770  
Intelsat License LLC  
Intelsat 10



\* with conditions

File # SAT-STA-20190522-00041

Call Sign S2382 Grant Date 05/29/19

(or other identifier)

From 05/31/19 Term Dates period of 30 days To: 30 days

Approved by OMB  
3060-0678

Approved: \_\_\_\_\_

*Stephen J. Duall*  
Stephen J. Duall  
Chief, Satellite Policy Branch

Date & Time Filed: May 22 2019 5:11:08:403PM  
File Number: SAT-STA-20190522-00041  
Callsign:

FEDERAL COMMUNICATIONS COMMISSION  
APPLICATION FOR SPACE STATION SPECIAL TEMPORARY AUTHORITY

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APPLICANT INFORMATION


Enter a description of this application to identify it on the main menu:

Request for Extension of Special Temporary Authority to Operate Intelsat 10 at 47.5 E.L. with New Beam Coverage

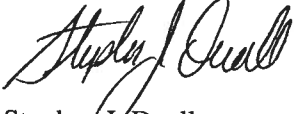
I. Applicant

<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 US LLC 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		

**ATTACHMENT TO GRANT**  
**Intelsat License LLC**  
**IBFS File No. SAT-STA-20190522-00041**

<b>IBFS File No(s):</b>	SAT-STA-20190522-00041	<p><b>GRANTED – With Conditions</b></p>  <p><b>International Bureau Satellite Division</b></p>
<b>Licensee/Grantee:</b>	Intelsat License LLC	
<b>Call Sign:</b>	S2382	
<b>Satellite Name:</b>	Intelsat 10	
<b>Orbital Location: (required station-keeping tolerance)</b>	47.5° E.L. (+/- 0.05 degrees east/west)	
<b>Administration:</b>	United States of America	
<b>Nature of Service:</b>	Fixed Satellite Service (FSS)	
<b>Scope of Grant:</b>	Special temporary authority for a period of 30 days to continue to operate one of Intelsat 10's Ku-band beams over a new coverage area in the communications frequencies at 14.25-14.50 GHz and 12.5-12.75 GHz.	
<b>Service Area(s):</b>	See Exhibit A	
<b>Frequencies:</b>	3700-4200 MHz, 11.45-11.7 GHz, 12.25-12.75 GHz (space-to-Earth) 5925-6425 MHz, 14.0-14.5 GHz (Earth-to-space)	
	Telemetry, Tracking and Command: 11.699, 12.7475, 12.7485, and 12.7495 GHz (space-to-Earth) 14.0005 and 14.4995 GHz (Earth-to-space)	
<p><b>Unless otherwise specified herein, operations under this grant must comport with the legal and technical specifications set forth by the applicant or petitioner and with Federal Communication Commission's rules not waived herein. This grant is also subject to the following conditions:</b></p> <ol style="list-style-type: none"> <li>1. Operations pursuant to this special temporary authority must be on an unprotected and non-harmful interference basis, i.e., the Intelsat 10 space station must not cause harmful interference to, and shall not claim protection from interference caused to it by, any other lawfully operating station. In the event of any harmful interference, Intelsat must cease operations immediately upon notification of such interference, and shall inform the Commission, in writing, immediately of such an event.</li> <li>2. Intelsat must coordinate its operations so that no harmful interference is caused to any other lawfully operating satellites or radiocommunication systems. Intelsat shall cease operations immediately upon notification of such interference and inform the Commission in writing immediately of such an event.</li> <li>3. In connection with the provision of service in any particular country, Intelsat is obliged to comply with the applicable laws, regulations, rules, and licensing procedures of that country.</li> <li>4. While at the 47.5° E.L. orbital location, Intelsat must maintain the Intelsat 10 spacecraft with an east/west longitudinal station-keeping tolerance of +/- 0.05 degrees.</li> <li>5. All other operations of Intelsat 10 at the 47.5° E.L. orbital location must be in accordance with its current authorization, IBFS File No. SAT-MOD-20160422-00038.</li> </ol>		
<p>Licensee/grantee is afforded thirty (30) days from the date of release of this action to decline the grant as conditioned. Failure to respond within this period will constitute formal acceptance of the grant as conditioned.</p> <p>This action is taken pursuant to Section 0.261 of the Commission's rules on delegated authority, 47 C.F.R. § 0.261, and is effective upon release.</p> <p>Station licenses are subject to the conditions specified in Section 309(h) of the Communications Act of 1934, as amended, 47 U.S.C. § 309(h).</p>		

**ATTACHMENT TO GRANT**  
· Intelsat License LLC  
IBFS File No. SAT-STA-20190522-00041

<b>Action Date:</b>	May 29, 2019	
<b>Term Dates</b>	<b>From:</b> May 31, 2019	<b>To:</b> period of 30 days
<b>Approved:</b>	 Stephen J. Duall Chief, Satellite Policy Branch	

2. Contact

<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 -3006
<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    CRY - Space Station (Geostationary)

5. Type Request

- Change Station Location                       Extend Expiration Date                       Other

6. Temporary Orbit Location

7. Requested Extended Expiration Date

8. 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.)

Intelsat License LLC herein requests an additional 30 days of Special Temporary Authority to operate its Intelsat 10 (S2382) Ku-band beam over a new coverage area in the communications frequencies 14250-14500 MHz and 12500-12750 MHz in order to provide customer service.

9. 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  No

10. Name of Person Signing  
Cynthia J Grady

11. Title of Person Signing  
Senior Counsel, Intelsat US LLC

12. Please supply any need attachments.

Attachment 1: STA Request

Attachment 2:

Attachment 3:

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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**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.*

May 22, 2019

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

Re: Request for Extension of Special Temporary Authority to Operate Intelsat 10 at 47.5° E.L.  
with New Beam Coverage; Call Sign: S2382

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests an additional 30 days of Special Temporary Authority (“STA”)<sup>1</sup> to operate Intelsat 10’s (S2382) Ku-band beam over a new coverage area in the communications frequencies 14250-14500 MHz and 12500-12750 MHz in order to provide customer service.<sup>2</sup> In further support of this request, Intelsat incorporates by reference Exhibit A,<sup>3</sup> a map of the new beam coverage. Intelsat will also be filing a license modification application to support this new service area.

Intelsat 10 is permanently licensed to operate at 47.5° E.L.<sup>4</sup> with a different Ku-band beam coverage than the beam coverage proposed herein. One of the satellite’s Ku-band beams, the Europe Africa Beam, has been biased in order to achieve the new coverage. Intelsat’s operation of Intelsat 10 will continue to conform to existing coordination agreements and the FCC’s rules governing operations vis-à-vis adjacent locations. All other beams are unaffected by the Ku-band beam repointing.

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<sup>1</sup> Intelsat has filed this STA request, an FCC Form 159, and a \$980.00 filing fee electronically via the International Bureau’s Filing System.

<sup>2</sup> *See Policy Branch Information; Actions Taken*, Report No. SAT-01387, File No. SAT-STA-20190418-00029 (May 3, 2019) (Public Notice).

<sup>3</sup> *Id.* at Exhibit A.

<sup>4</sup> *See Policy Branch Information; Actions Taken*, Report No. SAT-01173, File No. SAT-MOD-20160422-00038 (July 8, 2016) (Public Notice).

**Intelsat US LLC**

7900 Tysons One Place, McLean, VA 22102-5972 USA [www.intelsat.com](http://www.intelsat.com) T +1 703-559-6800

Ms. Marlene H. Dortch  
May 22, 2019  
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The continued temporary operation of Intelsat 10's Ku-band beam with a different coverage than authorized by its current license will continue to provide new customer service. Accordingly, grant of this STA extension request is in the public interest.

Sincerely,

*/s/ Cynthia J. Grady*

Cynthia J. Grady  
Senior Counsel  
Intelsat US LLC

Cc: Stephen Duall  
Jay Whaley  
Cindy Spiers