

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:  
Request for 60-Day STA for Transportable Ku-band Antennas

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 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		



File # SES-STA-20190612-00778  
190491  
Call Sign Grant Date 6-25-19  
(or other identifier)  
Term Dates  
From: 6-25-19 To: 8-27-19  
Approved: Susan H. Crandall

<b>2. Contact</b>	
<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 -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 checked="" type="radio"/> Use Prior to Grant <input type="radio"/> Change Station Location <input type="radio"/> Other	
6. Requested Use Prior Date 06/30/2019	
7. City	
8. Latitude (dd mm ss.s h) 0 0 0.0 N	

9. State	10. Longitude (dd mm ss.s h) 0 0 0.0 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;">Intelsat License LLC herein requests a grant of Special Temporary Authority for 60 days, beginning June 30, 2019, to allow Intelsat to utilize transportable Ku-band antennas within the contiguous-lower 48 states to communicate with Intelsat satellites.</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 Cynthia J. Grady	15. Title of Person Signing Senior Counsel, Intelsat US LLC
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.**

Applicant: Intelsat License LLC  
Call Sign: E190491  
File Number: SES-STA-20190612-00778  
Special Temporary Authority ("STA")



File # SES-STA-20190612-00778  
E190491  
Call Sign E190491 Grant Date 6-25-19  
(or other identifier)  
Term Dates  
From: 6-25-19 To: 8-24-19  
Approved: Paul E. Hines

Intelsat License LLC is granted special temporary authority for 60 days to operate 40 Temporary-Fixed earth stations within the contiguous-lower 48 states to communicate with Intelsat satellites: Galaxy18 (S2733) at the 123°W orbital location and Intelsat 37e (S2972) at the 18°W orbital location in the 14000-14500 MHz (Earth -to-space) and 11700-12200 MHz (space-to-Earth) frequency bands under the following conditions:

1. Operations will comply with 47 C.F.R. §25.209 and 47 C.F.R. § 25.212 for the use of antennas: GATR Flex 75 (0.75 meter), GATR 1.2 (1.2 meter), L3 Panther 60 (0.6 meter) and L3 Panther 96 (0.96 meter).
2. Operations, shall not cause harmful interference to, and shall not claim protection from interference caused to it by any other lawfully operating station and it shall cease transmission(s) immediately upon notice of such interference and notify the FCC in writing.
3. Any action taken or expense incurred as a result of operations pursuant to this STA is solely at Intelsat License LLC's risk.
4. Transmitter(s) must be turned off during antenna maintenance to ensure compliance with the FCC-specified safety guidelines for human exposure to radiofrequency radiation in the region between the antenna feed and the reflector. Appropriate measures must also be taken to restrict access to other regions in which the earth station's power flux density levels exceed the specified guidelines.
5. The licensee shall take all necessary measures to ensure that the antenna does not create potential exposure of humans to radiofrequency radiation in excess of the FCC exposure limits defined in 47 CFR 1.1307(b) and 1.1310 wherever such exposures might occur. Measures must be taken to ensure compliance with limits for both occupational/controlled exposure and for general population/uncontrolled exposure, as defined in these rule sections. The FCC's OET Bulletin 65 (available on-line at [www.fcc.gov/oet/rfsafety](http://www.fcc.gov/oet/rfsafety)) provides information on predicting exposure levels and on methods for ensuring compliance, including the use of warning and alerting signs and protective equipment for workers.
6. The 24x7 contact information for the proposed operations 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.

7. Grant of this STA is without prejudice to any determination that the Commission may make regarding Intelsat License LLC's pending FCC IBFS file number SES-LIC-20190612-00770 or future 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.

June 12, 2019

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

**Re: Request for Special Temporary Authority to Operate New Transportable Antennas**

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests a grant of Special Temporary Authority (“STA”)<sup>1</sup> for 60 days, beginning June 30, 2019, to allow Intelsat to utilize 40 transportable Ku-band antennas (collectively, the “Antennas”), within the contiguous-lower 48 states to communicate with Intelsat satellites. This STA will allow Intelsat to provide customer service pending grant of a permanent license.<sup>2</sup> Specifically, Intelsat is seeking authority to use ten antennas of each of the following types:

1. GATR Flex 75 (.75 meter);
2. GATR 1.2 (1.2 meter);
3. L3 Panther 60 (.6 meter); and
4. L3 Panther 96 (.96 meter).

The proposed communication services will be performed in the following frequency bands: 14.0-14.5 GHz (Earth-to-space), and 11.7-12.2 GHz (space-to-Earth). The proposed operations will be consistent with Intelsat’s coordination agreements. The 24x7 contact information for the proposed operations 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 \$210.00 filing fee, and this supporting letter electronically via the International Bureau’s Filing System (“IBFS”).

<sup>2</sup> See *Intelsat License LLC, Application to License New Ku-band Transportable Antennas*, File No. SES-LIC-INTR2019-02408 (filed Jun. 12, 2019).

Ms. Marlene Dortch  
June 12, 2019  
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In support of this request, Intelsat incorporates by reference the technical specifications for the Antennas included in its permanent license application.<sup>3</sup>

Grant of this STA request services the public interest by enabling Intelsat to provide new customer services while the related permanent application is pending.

Please direct any questions regarding this STA request to the undersigned at (703) 559-6949.

Respectfully submitted,

*/s/ Cynthia J. Grady*

Cynthia J. Grady  
Senior Counsel  
Intelsat US LLC

cc: Paul Blais

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<sup>3</sup> *Id.*