

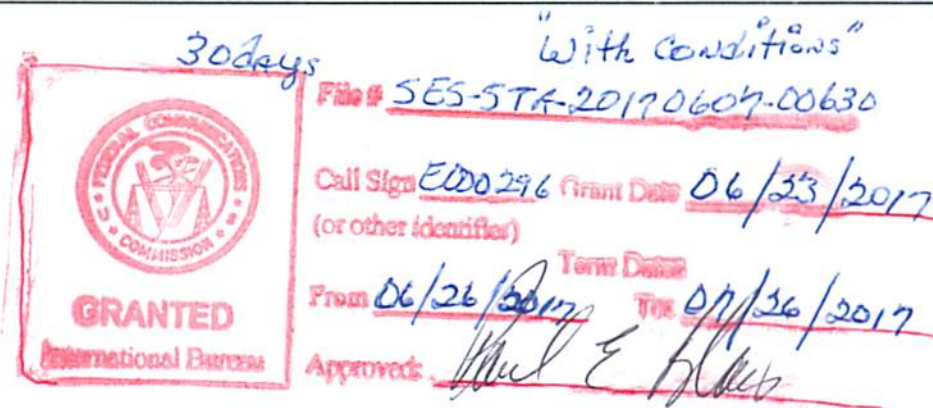
Approved by OMB  
3060-0678

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:  
STA Request to Use Hagerstown, MD Earth Station (E000296) to Provide LEOP and Other Services for Intelsat 35e Satellite

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		



Applicant: Intelsat License LLC  
File No.: SES-STA-20170607-00630  
Call Sign: E000296  
Special Temporary Authority



"With Conditions"  
File # SES-STA-20170607-00630  
Call Sign E000296 Grant Date 06/23/17  
(or other identifier)  
Term Dates  
From 06/26/2017 To 07/26/2017  
Approved: [Signature]

Intelsat License, LLC, is granted a special temporary authority for 30 days, beginning June 26, 2017, to operate its fixed earth station in Hagerstown, Maryland, call-sign E000296, to provide launch and early orbit phase ("LEOP") services for Intelsat 35e satellite; telemetry, tracking, and command ("TT&C") during in-orbit testing ("IOT") at 33.0° W.L.; TT&C during the drift of Intelsat 35e to its final location of 34.5° W.L.; and TT&C on-station at 34.5° W.L., using the following center frequencies: 5853.00 MHz and 6424.50 MHz (LHCP/V) (Earth-to-space), and 4197.75 MHz, 4198.25 MHz, 4198.75 MHz, and 4199.25 MHz (LHCP/H) (space-to-Earth) under the following conditions:

1. All operations must be within the coordinated emission and power limits.
2. During the drift to the satellite's permanent orbital location 34.5° W.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 35e 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 special temporary authority shall be on an unprotected and non-harmful interference basis. Intelsat's E000296 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 special temporary authority, Intelsat License LLC, E000296, 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 special temporary authority is solely at Intelsat License LLC's risk.
8. 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.



**INTELSAT.**

*Envision. Connect. Transform.*

June 7, 2017

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

Re: Request for Special Temporary Authority  
Hagerstown, Maryland Earth Station E000296

Dear Ms. Dortch:

Intelsat License LLC ("Intelsat") herein requests a grant of Special Temporary Authority ("STA")<sup>1</sup> for 30 days, commencing June 26, 2017, to use its Hagerstown, Maryland C-band earth station—call sign E000296—to provide launch and early orbit phase ("LEOP") services for Intelsat 35e; telemetry, tracking, and command ("TT&C") during in-orbit testing ("IOT") at 33.0° W.L; TT&C during the drift of Intelsat 35e to its final location of 34.5° W.L.; and TT&C on-station at 34.5° W.L.<sup>2</sup> Intelsat 35e is expected to be launched on June 26, 2017. The LEOP, IOT, and drift are expected to last approximately 30 days.

The proposed operations will be performed using the following frequencies: 6424.5 MHz, and 5853.0 MHz in the uplink (LHCP/V); and 4197.75 MHz, 4198.25 MHz, 4198.75 MHz, and 4199.25 MHz in the downlink (LHCP/H). The proposed operations will be coordinated with all operators of satellites that use the same frequency bands and are in the LEOP path, the drift path, or are potentially affected by these operations at the IOT location.<sup>3</sup> All operators of potentially affected satellites will be provided with an emergency phone number where the licensee can be reached in the event that harmful interference occurs.

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<sup>1</sup> Intelsat has filed its STA request, an FCC Form 159, a \$200.00 filing fee, and this supporting letter electronically via the International Bureau's Filing System ("IBFS").

<sup>2</sup> The permanent orbital location for Intelsat 35e will be at 34.5° W.L. *See Policy Branch Information; Actions Taken, Report No. SAT-01191, SAT-LOA-20160408-00034 (Oct. 7, 2016) (Public Notice).* The in-orbit testing location will be 33.0° W.L. *See Policy Branch Information; Actions Taken, Public Notice, Report No. SAT-01223, File No. SAT-STA-20170314-00050 (Mar. 17, 2017) (Public Notice).*

<sup>3</sup> Intelsat will handle the coordination.

Ms. Marlene H. Dortch  
June 7, 2017  
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The 24x7 contact information for the Intelsat 35e 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.

The proposed TT&C operations at 34.5° W.L. will be consistent with Intelsat's coordination agreements for the nominal 34.5° W.L. orbital location. In the unlikely event that harmful interference occurs, Intelsat will take all necessary steps to eliminate the interference.

In further support of this request, Intelsat herewith attaches Exhibit A, 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 request will allow Intelsat to help launch and test the Intelsat 35e satellite. This, in turn, will help provide additional capacity to customers at the 34.5° W.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,

*/s/ Cynthia J. Grady*

Cynthia J. Grady  
Regulatory Counsel  
Intelsat Corporation

cc: Paul Blais

<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>	
<b>4a. Is a fee submitted with this application?</b> <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</b> Hagerstown	<b>8. Latitude</b> (dd mm ss.s h) 39 35 54.0 N

9. State MD	10. Longitude (dd mm ss.s h) 77 45 35.0 W
11. Please supply any need attachments. Attachment 1: STA Request                      Attachment 2: Exhibit A                      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 requests a grant of special temporary authority for 30 days, commencing June 26, 2017, to use its Hagerstown, MD earth station (call sign E000296) to provide launch and early orbit phase and other services for the Intelsat 35e satellite. </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
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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