

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 Use Prior STA for Hagerstown, Maryland Earth Station E170135

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-20180411-00347  
E170135  
Call Sign S11678 Grant Date 5-16-18  
(or other identifier)  
From: S11678 <sup>Term Dates</sup> To: 6-15-18  
Approved: [Signature]

Applicant: Intelsat License LLC  
Call Sign: E170135  
File No.: SES-STA-20180411-00347

Intelsat License LLC ("Intelsat") is granted special temporary authority (STA) for 30 days, beginning May 16, 2018, to operate its Hagerstown, MD earth station to communicate with Intelsat 37e satellite at the 18.0 W.L. orbital location in the 13.0-13.25 GHz and 13.75-14.50 GHz bands (Earth-to-space) and 10.7-11.95 GHz band (space-to-Earth) frequency bands under the following conditions:

1. Intelsat will operate antenna in the 13.0-13.25 GHz, 13.750 -13.770 GHz, and 13.770-13.780 GHz frequencies (Earth-to-space) and in the 10.7-11.95 GHz band (space-to-Earth) within coordinated emission, antenna size and power limits.
2. Intelsat License LLC must coordinate operations in the 13.750 - 13.770 GHz band with Mr. Richard Ontiveros via email (Richard.ontiveros@navy .mil) or phone (301) 225-3824.
3. The EIRP density of the earth station emissions shall not exceed 71 dBW in any 6 MHz band from 13.77 to 13.78 GHz in accordance with Footnote US356.
4. 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 37e satellite is Ph.: (703) 559-7701-East Coast Operations Center (primary) and (310) 525- 5591-West Coast Operations Center (back-up).
5. Operations, shall not cause harmful interference to or claim protection from other lawfully operating stations and it shall cease transmission(s) immediately upon notice of such interference.
6. In the event of any harmful interference under this grant of STA, Intelsat must cease operations immediately upon notification of such interference, and must inform the Commission, in writing, immediately of such an event.
7. Grant of this authorization is without prejudice to any determination that the Commission may make regarding pending or future Intelsat applications.
8. Operations during the period April 17, 2018 to the date of this grant were authorized pursuant to Section 1.62 of the Commission's rules 47 C.F.R. § 1.62.
9. Any action taken or expense incurred as a result of operations pursuant to this STA is solely at Intelsat's risk.

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.



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Term Dates  
From: 5-16-18 To: 6-15-18  
Approved: [Signature]

<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.)	
3. Reference File Number SESLIC2017072100790 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 04/17/2018	
7. City/Hagerstown	
8. Latitude (dd mm ss.s h) 39 35 54.9 N	

9. State MD	10. Longitude (dd mm ss.s h) 77 45 10.6 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.) IntelSat License LLC herein requests an additional 30 days of Special Temporary Authority previously granted IntelSat to, to utilize its new 9.4 meter, Ku-band earth station in Hagerstown, Maryland, call sign E170135, prior to grant of permanent operating authority. The antenna will continue to communicate in the 13.0-13.25 GHz and 13.75-14.50 GHz bands	
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 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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## 12. Description

Intelsat License LLC herein requests an additional 30 days of Special Temporary Authority previously granted Intelsat to, to utilize its new 9.4 meter, Ku-band earth station in Hagerstown, Maryland, call sign E170135, prior to grant of permanent operating authority. The antenna will continue to communicate in the 13.0-13.25 GHz and 13.75-14.50 GHz bands (Earth-to-space) and 10.7-11.95 GHz band (space-to-Earth) with the U.S.-licensed Intelsat 37e satellite at 18.0 W.L.



**INTELSAT**

*Envision. Connect. Transform.*

April 11, 2018

Ms. Marlene H. Dortch  
Secretary  
Federal Communications Commission  
445 12th Street, SW  
Washington, DC 20554

Re: Request for Extension of Special Temporary Authority  
Hagerstown, Maryland Earth Station E170135

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests an additional 30 days of Special Temporary Authority (“STA”)<sup>1</sup> previously granted Intelsat to, to utilize its new 9.4 meter, Ku-band earth station in Hagerstown, Maryland—call sign E170135—prior to grant of permanent operating authority.<sup>2</sup> The antenna will continue to communicate in the 13.0-13.25 GHz and 13.75-14.50 GHz bands (Earth-to-space) and 10.7-11.95 GHz band (space-to-Earth) with the U.S.-licensed Intelsat 37e satellite at 18.0° W.L. Intelsat has a pending application for authorization to operate this antenna.<sup>3</sup>

In support of this request, Intelsat incorporates by reference its pending application for permanent authority to operate this antenna.<sup>4</sup> The application contains detailed technical information in Exhibits A-C demonstrating that the earth station’s operations will be compatible with its electromagnetic environment and will not cause harmful interference to any lawfully operating facility. In the extremely unlikely event that harmful interference should occur, Intelsat will take all reasonable steps to eliminate the interference.

Grant of this STA extension request will enable Intelsat to continue utilizing the antenna at its new location prior to grant of permanent operating authority, thereby serving the public interest by ensuring the antenna’s readiness to commence service with Intelsat 37e as quickly as possible. In addition, grant will provide the Commission with additional time in which to continue processing the permanent license application.

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<sup>1</sup> Intelsat has filed its STA request, FCC Form 159, a \$200.00 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*, Public Notice, Report No. SES-02037, File No. SES-STA-20180117-00033 (Feb. 21, 2018).

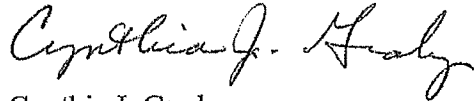
<sup>3</sup> See *Satellite Communications Services; Satellite Radio Applications Accepted for Filing*, Public Notice, Report No. SES-01994, IBFS File No. SES-LIC-20170721-00790 (Sept. 27, 2017).

<sup>4</sup> See *id.*

Ms. Marlene H. Dortch  
April 11, 2018  
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Please direct any questions regarding this STA extension 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