



APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:  
Request for 180-Day STA Using Hagerstown, Maryland Earth Station KA258 to Provide LEOP Services for SES-14

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 Corporation 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-20171120-01268

Call Sign KA258 Grant Date 01/10/2018  
(or other identifier)

Term Dates  
From: 01/23/2018 To: 07/20/2018

Approved: [Signature]

1. Name 2. Address 3. City 4. State 5. Zip	Telephone No. _____
6. Date _____	7. Signature _____

Address:

Name:

Id:

John Doe

(or other identifier)

City:

State:

Date:

Application: Intelsat License LLC  
File No.: SES-STA-20171120-01268  
Call Sign: KA258  
Special Temporary Authority

Intelsat License LLC is granted a special temporary authority for 180 days, beginning January 23, 2018 to July 22, 2018, to operate its fixed earth station, call sign: KA258, in Hagerstown, Maryland, to provide launch and early orbit phase ("LEOP") services for the SES-14 satellite at 47.5° W.L. using the following center frequencies: 14000.50 MHz, 14002.00 MHz, 14003.50 MHz, 14495.00 MHz, 14496.50 MHz, 14498.00 MHz and 14499.50 MHz (CP) (Earth-to-space), and 10953.00 MHz and 12198.00 MHz (CP) (space-to-Earth). SES-14 satellite is scheduled to launch on January 23, 2018.

1. All operations must be within the coordinated emission and power limits.
2. The LEOP operations must be coordinated with all operators of satellites that use the same frequency bands and are in the LEOP path. All operators of satellites in that path 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 SES-14 satellite LEOP 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.
3. All operations shall be on an unprotected and non-harmful interference basis, Intelsat License LLC, KA258, 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.
4. In the event of any harmful interference under this grant of special temporary authority, Intelsat License LLC, KA258, must cease operations immediately upon notification of such interference, and must inform the Commission, in writing, immediately of such an event.
5. Grant of this authorization is without prejudice to any determination that the Commission may make regarding pending or future Intelsat License LLC applications.
6. This special temporary authority can only be used to provide launch and early orbit phase (LEOP) services for the SES-14 satellite.
7. 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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**INTELSAT.**

*Envision. Connect. Transform.*

November 20, 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 KA258

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests a grant of Special Temporary Authority (“STA”)<sup>1</sup> for 180 days, commencing January 23, 2018, to use its Hagerstown, Maryland Ku-band earth station—call sign KA258—to provide launch and early orbit phase (“LEOP”) services for the SES-14 satellite. SES-14 is expected to be launched on January 23, 2018.<sup>2</sup> Intelsat expects the LEOP period to last approximately 180 days.<sup>3</sup>

The SES-14 LEOP operations will be performed at the following frequencies: 14000.5 MHz, 14002.0 MHz, 14003.5 MHz, 14495.0 MHz, 14496.5 MHz, 14498.0 MHz, and 14499.5 MHz (CP) in the uplink; and 10953.0 MHz and 12198.0 MHz (CP) in the downlink. The LEOP operations will be coordinated with all operators of satellites that use the same frequency bands and are in the LEOP path.<sup>4</sup> All operators of satellites in that path will be provided with an emergency phone number where the licensee can be reached in the event that harmful interference occurs.

The 24x7 contact information for the SES-14 LEOP 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.

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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> Both the in-orbit testing location and final orbital location for SES-14 will be 47.5° W.L. The satellite has been granted U.S. market access. *See Satellite Policy Branch Information, Actions Taken, Report No. SAT-01266, File No. SAT-MPL-20170606-00083 (Sept. 8, 2017) (Public Notice).*

<sup>3</sup> Intelsat is seeking authority for 180 days to accommodate the longer orbit-raising time period required for an electric propulsion satellite.

<sup>4</sup> Airbus, the manager of the SES-14 LEOP mission, will handle the coordination.

Ms. Marlene H. Dortch  
November 20, 2017  
Page 2

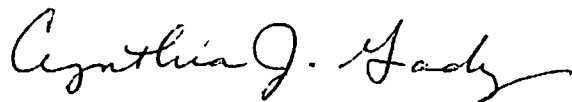
In the extremely unlikely event that harmful interference should occur due to transmissions to or from its earth station, Intelsat will take all reasonable steps to eliminate the interference.

Finally, Intelsat clarifies that during the SES-14 LEOP mission, Airbus will serve as the mission manager. Airbus will build and send the commands to the Intelsat antenna, which will process and execute the commands. Telemetry received by Intelsat will be forwarded to Airbus. Intelsat will perform the ranging sessions by sending a tone to the spacecraft periodically. Intelsat will remain in control of the baseband unit, RF equipment, and antenna.

Grant of this STA request will allow Intelsat to help launch the SES-14 satellite. This, in turn, will help provide additional capacity from the 47.5° 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,



Cynthia J. Grady  
Regulatory Counsel  
Intelsat Corporation

cc: Paul Blais

**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 Hagerstown

8. Latitude  
(dd mm ss.s h) 39 35 54.0 N

9. State MD	10. Longitude (dd mm ss.s h) 77 45 33.0 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; margin: 5px 0;"> IntelSAT License LLC herein requests a grant of Special Temporary Authority for 180 days, commencing January 23, 2018, to use its Hagerstown, Maryland Ku-band earth station, call sign KA258, to provide launch and early orbit phase services for the SES-14 satellite. SES-14 is expected to be launched on January 23, 2018. </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="" 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
<b>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).</b>	



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