

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:  
Request for STA for Hagerstown, Maryland Earth Station KA258

1. Applicant

<b>Name:</b>	Intelsat License LLC	<b>Phone Number:</b>	202-944-7848
<b>DBA Name:</b>		<b>Fax Number:</b>	202-944-7870
<b>Street:</b>	c/o Intelsat Corporation 3400 International Drive, N.W.	<b>E-Mail:</b>	susan.crandall@intelsat.com
<b>City:</b>	Washington	<b>State:</b>	DC
<b>Country:</b>	USA	<b>Zipcode:</b>	20008 -3006
<b>Attention:</b>	Susan H. Crandall		



*with conditions*

File # SES-STA-20120403-00327

Call Sign KA258 Grant Date 5/29/2012  
(or other identifier)

Term Dates  
From 5/29/2012 To: 6/28/2012

Approved: *Paul E. Hays*

Intelsat License LLC  
KA258  
SES-STA-20120403-00327  
Special Temporary Authority

Intelsat License LLC is granted, under the following conditions, Special Temporary Authority for 30 days, from May 29, 2012 through June 28, 2012 to use its Hagerstown, Maryland earth station to provide launch and early orbit phase services for Intelsat 19 within the technical parameters specified within this application.

- 1) 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.
- 2) Grant of this authorization is also constrained by the parameters and conditions authorized for SAT-RPL-20111222-00245 and SAT-STA-20120508-00081.
- 3) Any action taken or expense incurred as a result of operations pursuant to this special temporary authority is solely at Intelsat License LLC risk.
- 4) 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.



File # SES- STA -20120403 - 00327

Call Sign KA 258 Grant Date 5/29/12  
(or other identifier)

Term Dates  
From 5/29/12 To: 6/28/12

Approved: Paul E. Haeb

<b>2. Contact</b>	
<b>Name:</b> Susan H. Crandall	<b>Phone Number:</b> 202-944-7848
<b>Company:</b> Intelsat Corporation	<b>Fax Number:</b> 202-944-7870
<b>Street:</b> 3400 International Drive, N.W.	<b>E-Mail:</b> susan.crandall@intelsat.com
<b>City:</b> Washington	<b>State:</b> DC
<b>Country:</b> USA	<b>Zipcode:</b> 20008 -3006
<b>Attention:</b> Susan H. Crandall	<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 type="radio"/> Use Prior to Grant <input type="radio"/> Change Station Location <input checked="" type="radio"/> 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: 10px 0;">Intelsat License LLC herein requests a grant of Special Temporary Authority for 30 days, from May 20, 2012 through June 18, 2012, to use its Hagerstown, Maryland Ku-band earth station, call sign KA258, to provide launch and early orbit phase services for the Intelsat 19 satellite that is expected to be launched on May 20, 2012.</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 Susan H. Crandall	15. Title of Person Signing Asst. General 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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**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.**

April 3, 2012

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  
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 30 days, from May 20, 2012 through June 18, 2012, to use its Hagerstown, Maryland Ku-band earth station -- call sign KA258<sup>2</sup> -- to provide launch and early orbit phase (“LEOP”) services for the Intelsat 19 satellite that is expected to be launched on May 20, 2012.<sup>3</sup> The LEOP period is expected to last approximately ten days.<sup>4</sup>

The Intelsat 19 LEOP operations will be performed in the following frequency bands: 14000.5 MHz and 14003.0 MHz in the uplink (LHCP), and 12253.5 MHz, 12254.0 MHz, 12256.0 MHz, and 12256.5 MHz in the downlink (LHCP). The maximum uplink EIRP transmitted during the LEOP operations will be 85 dBW, with an emission designator of 800KF2D. The LEOP

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<sup>1</sup> Intelsat has filed its STA request, an FCC Form 159, a \$180.00 filing fee and this supporting letter electronically via the International Bureau’s Filing System (“IBFS”).

<sup>2</sup> Intelsat currently is operating earth station KA258 at Hagerstown under Special Temporary Authority pending grant of a permanent modification application for a change in the antenna’s location. See *Intelsat License LLC Request for Extension of Special Temporary Authority*, File No. SES-STA-20120320-00284 (filed Mar. 20, 2012); *Intelsat License LLC Request for Extension of Special Temporary Authority*, File No. SES-STA-20120221-00186 (filed Feb. 21, 2012); *Policy Branch Information; Actions Taken*, Report No. SES-01421, File No. SES-STA-20120118-00067 (Feb. 1, 2012) (Public Notice).

<sup>3</sup> The permanent orbital location for Intelsat 19 will be 166.0° E.L. See *Policy Branch Information; Satellite Space Applications Accepted for Filing*, Report No. SAT-00843, File No. SAT-RPL-20111222-00245 (Feb. 10, 2012) (Public Notice). The in-orbit testing location will be 176.0° E.L. See *Intelsat License LLC Request for Temporary Authority*, File No. SAT-STA-20120306-00037 (filed Mar. 6, 2012).

<sup>4</sup> Intelsat is seeking authority through June 18, 2012 to accommodate a possible launch delay.

Ms. Marlene H. Dortch  
April 3, 2012  
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operations will be coordinated with all operators of satellites that use the same frequency bands and are in the LEOP path. As such, there would be no risk of interference with respect to lawfully operating, co-frequency radiocommunication facilities. Nevertheless, 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 Intelsat 19 LEOP mission is as follows:

Ph.: (202) 944-7701 – East Coast Operations Center (primary)  
(310) 525-5900 – West Coast Operations Center (back-up)  
Request to speak with Harry Burnham or Kevin Bell.

The above information indicates 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 or government 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 the Intelsat 19 satellite to the 166.0° E.L. location. This, in turn, will help ensure continuity of service at that location and thereby promotes the public interest.

Please direct any questions regarding this STA request to the undersigned at (202) 944-7848.

Respectfully submitted,



Susan H. Crandall  
Assistant General Counsel  
Intelsat Corporation

Cc: Paul Blais