


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 TT&C Services for Intelsat 9

**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		

180 days "with condition"



**File #** SES-STA-20170228-00219  
**Call Sign** KA258 **Grant Date** 04/18/2017  
(or other identifier)  
**Term Dates**  
**From** 05/01/2017 **To** 10/28/2017  
**Approved:** Paul Eblaw

**GRANTED**  
International Bureau

Application: Intelsat License, LLC  
File No.: SES-STA-20170228-00219  
Call Sign: KA258  
Special Temporary Authority

Intelsat License LLC is granted special temporary authority for 180 days, beginning May 1, 2017 to October 28, 2017, to operate its fixed earth stations in Mountainside, Maryland (call signs: KA258), to provide telemetry, tracking, and command ("TT &C") to the Intelsat 9 (S2380) satellite during its drift from 43.1° W.L. to 29.5° W.L., and on-station at 29.5° W.L., using the following frequencies: 14000.50 MHz and 14494.50 MHz (Earth-to-space); and 1700.50 MHz and 11702.00 MHz (space-to-Earth) under the following conditions:

1. 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 1R satellite 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.
2. All operations under this grant of special temporary authority shall be on an unprotected and non-harmful interference basis. Intelsat shall not cause harmful interference to, and shall not claim protection from interference caused to it by, any other lawfully operating radio communication system.
3. In the event of any harmful interference as a result of operations under this grant Intelsat shall cease operations immediately upon notification of such interference and shall immediately inform the Commission, in writing, of such an event.
4. Grant of this special temporary authority is without prejudice to any determination that the Commission may make regarding pending or future Intelsat applications.
5. 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.
6. 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.


*180 days* *"with conditions"*

File # SES-STA-20170228-00219

Call Sign KA258 Grant Date 04/18/2017  
(or other identifier)

Term Dates  
From 05/01/2017 To 10/28/2017

Approved: Paul E. Hines





**INTELSAT.**

*Envision. Connect. Transform.*

February 27, 2017

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

Re: Request for Special Temporary Authority  
Mountainside, Maryland Earth Station KA258

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests 180 days, beginning May 1, 2017, of Special Temporary Authority (“STA”)<sup>1</sup> to use its Mountainside, Maryland Ku-band earth station—call sign KA258—to provide telemetry, tracking, and command (“TT&C”) services for Intelsat 9 (S2380) during its drift from 43.1° W.L. to 29.5° W.L., and on-station at 29.5° W.L.<sup>2</sup> Intelsat 9 is expected to begin drifting no earlier than April 1, 2017, and the drift will take approximately two months.<sup>3</sup>

TT&C operations will be performed in the following frequencies: 14000.5 MHz and 14494.5 MHz (Earth-to-space); and 11700.5 MHz and 11702.0 MHz (space-to-Earth). The drift operations will be coordinated with all operators of satellites that use the same frequency bands and are in the drift 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 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 29.5° W.L. will be consistent with Intelsat’s coordination agreements for the 29.5° W.L. orbital location. In the unlikely event that harmful interference occurs, Intelsat will take all necessary steps to eliminate the interference.

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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> See *Policy Branch Information; Satellite Space Applications Accepted for Filing*, Report No. SAT-01217, File No. SAT-AMD-20170208-00016 (Public Notice) (Feb. 17, 2017).

<sup>3</sup> Intelsat is simultaneously filing a 30-day STA request for the first half of the drift of Intelsat 9. Intelsat also intends to file a permanent application for this antenna to support Intelsat 9 operations at 29.5° W.L.

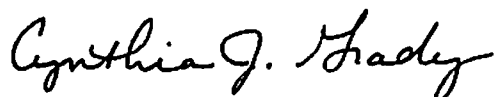
<sup>4</sup> Intelsat will handle the coordination.

Ms. Marlene H. Dortch  
February 27, 2017  
Page 2

Grant of this STA request will allow Intelsat to drift the Intelsat 9 satellite to, and safely station-keep the satellite at, its new location. This, in turn, will help Intelsat add additional capacity at the 29.5° 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,

A handwritten signature in black ink that reads "Cynthia J. Grady". The signature is written in a cursive style with a large initial "C".

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.)	
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 180 days, beginning May 1, 2017, of Special Temporary Authority to use its Mountainside, Maryland Ku-band earth station, call sign KA258, to provide telemetry, tracking, and command services for Intelsat 9 (S2380) during its drift from 43.1 W.L. to 29.5 W.L., and on-station at 29.5 W.L. Intelsat 9 is expected to begin</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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## 12. Description

Intelsat License LLC herein requests 180 days, beginning May 1, 2017, of Special Temporary Authority to use its Mountainside, Maryland Ku-band earth station, call sign KA258, to provide telemetry, tracking, and command services for Intelsat 9 (S2380) during its drift from 43.1 W.L. to 29.5 W.L., and on-station at 29.5 W.L. Intelsat 9 is expected to begin drifting no earlier than April 1, 2017, and the drift will take approximately two months.