

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:

Request for 30-day STA To Use Hagerstown, Maryland Earth Station KA258 to Provide TT&C Services During Drift of Intelsat 9 to 66.15 E.L.

1. Applicant

|            |                                                   |               |                             |
|------------|---------------------------------------------------|---------------|-----------------------------|
| Name:      | Intelsat License LLC                              | Phone Number: | 703-559-7848                |
| DBA Name:  |                                                   | Fax Number:   | 703-559-8539                |
| Street:    | c/o Intelsat Corporation<br>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-20180511-00574  
KA258  
Call Sign 5-2818 Grant Date 5-18-18  
(or other identifier)  
Term Dates  
From: 5-28-18 To: 6-19-18  
Approved: Paul E. Davis

Applicant: Intelsat License LLC  
Call Sign: KA258  
File No.: SES-STA-20180511-00574  
Special Temporary Authority (STA)

Intelsat License LLC is granted to operate under STA for 30 days, beginning May 20, 2018, at geographical location 39° 35' 54.6" N/ 077° 45' 33.0" W in Mountainside, Maryland to provide telemetry, tracking, and command ("TT&C") services for the Intelsat 9 (Call Sign S2380) satellite to drift from 29.5° W to 66.15 °E. Operations will be under the following conditions:

1. Operations are on center frequencies: 14.0005 GHz and 14.4945 GHz (Earth-to-space) and 11.7005 GHz and 11.702 GHz (space-to-Earth).
2. 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 and must inform the Commission, in writing, immediately of such an event.
3. All operators of satellites in that path will be provided with an emergency phone number where the licensee can be reached when harmful interference occurs. Currently the 24x7 contact information for the Intelsat 9 drift 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. Grant of this STA is without prejudice to any determination that the Commission may make regarding pending or future Intelsat License LLC applications.
5. Any action taken or expense incurred as a result of operations pursuant to this STA is solely at Intelsat License LLC'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 upon release.



File # SES-STA-20180511-00574  
Call Sign KA258 Grant Date 5-18-18  
(or other identifier)  
Term Dates  
From: 5-20-18 To: 6-19-18  
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 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).<br><input type="radio"/> Governmental Entity <input type="radio"/> Noncommercial educational licensee<br><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 checked="" type="radio"/> Other                                                                                                                                                                   |                       |                      |                            |
| 6. Requested Use Prior Date                                                                                                                                                                                                                                                                                |                       |                      |                            |
| 7. City/Hagerstown                                                                                                                                                                                                                                                                                         |                       |                      |                            |
| 8. Latitude<br>(dd mm ss.s h)    39    35    54.6    N                                                                                                                                                                                                                                                     |                       |                      |                            |

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|
| 9. State MD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 10. Longitude<br>(dd mm ss.s h) 77 45 33.0 W                            |
| 11. Please supply any need attachments.<br>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.)<br><div style="border: 1px solid black; padding: 5px;"> Intelsat License LLC herein requests 30 days of expedited Special Temporary Authority, commencing May 20, 2018, to use its Mountainside, Maryland Ku-band earth station, call sign KA258, to provide telemetry, tracking, and command services for Intelsat 9 (Call Sign S2380) during its drift from 29.5 W.L. to 66.15 E.L. </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;"> Yes <input checked="" type="radio"/> No <input type="radio"/> </div> |                                                                         |
| 14. Name of Person Signing<br>Cynthia J. Grady                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 15. Title of Person Signing<br>Regulatory Counsel, Intelsat Corporation |
| WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND / OR IMPRISONMENT<br>(U.S. Code, Title 18, Section 1001), AND/OR REVOCATION OF ANY STATION AUTHORIZATION<br>(U.S. Code, Title 47, Section 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, Section 503).                                                                                                                                                                                                                                                                |                                                                         |

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**INTELSAT**

*Envision. Connect. Transform.*

May 11, 2018

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  
**EXPEDITED TREATMENT REQUESTED**

Dear Ms. Dortch:

Intelsat License LLC ("Intelsat") herein requests 30 days of expedited Special Temporary Authority ("STA"),<sup>1</sup> commencing May 20, 2018, to use its Mountainside, Maryland Ku-band earth station—call sign KA258—to provide telemetry, tracking, and command ("TT&C") services for Intelsat 9 (Call Sign S2380) during its drift from 29.5° W.L. to 66.15° E.L.<sup>2</sup> The drift is expected to take approximately eight months.

Intelsat is seeking expedited treatment because the traffic transfer from Intelsat 9 to Intelsat 901 will be completed ahead of schedule, which allows for the acceleration of Intelsat 9's redeployment. This will, in turn, allow Intelsat 9 to provide additional capacity at 66.15° E.L. at an earlier date than previously anticipated.

TT&C operations will be performed in the following frequencies: 14.0005 GHz and 14.4945 GHz in the uplink; and 11.7005 GHz and 11.702 GHz in the downlink. The drift operations will be coordinated with all operators of satellites that use the same frequency bands and are in the drift path.<sup>3</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. 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.

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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 *Intelsat License LLC*, Application to Modify Authorization for Intelsat 9 (Call Sign S2380), File No. SAT-MOD-20180305-00019 (filed Mar. 5, 2018); See *Intelsat License LLC*, Request for Special Temporary Authority to Drift Intelsat 9 to 66.15 E.L., Call Sign S2380, File No. SAT-STA-20180509-00041 (filed May 9, 2018).

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

Ms. Marlene H. Dortch  
May 11, 2018  
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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.

Grant of this STA request will allow Intelsat to drift Intelsat 9 to its new location. This, in turn, will add additional capacity at the 66.15° E.L. orbital location and thereby promotes the public interest.

For the reasons set forth herein, Intelsat respectfully requests that the Commission expeditiously grant this STA request. 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