

Approved by OMB  
3060-0678


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 30-Day STA Using Hagerstown, Maryland Earth Station E140121 to Provide TT&C Services for Intelsat 9  
Drift to 34.5 W.L.

1. Applicant

Name: Intelsat License LLC Phone Number: 703-559-7848  
DBA Name: c/o Intelsat Corporation Fax Number: 703-559-8539  
Street: 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-20180613-01101  
Call Sign E140121 Grant Date 4-25-18  
(or other identifier) Test Dates  
From: 6-25-18 To: 7-25-18  
Approved: [Signature]



**GRANTED**  
International Bureau

<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 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 (dd mm ss.s h) 39 35 53.1 N

9. State MD	10. Longitude (dd mm ss.s h) 77 45 22.3 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 continue using its Mountainside, Maryland Ku-band earth station, call sign E140121, 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.	
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"; 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).	

**FCC NOTICE REQUIRED BY THE PAPERWORK REDUCTION ACT**

The public reporting for this collection of information is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the required data, and completing and reviewing the collection of information. If you have any comments on this burden estimate, or how we can improve the collection and reduce the burden it causes you, please write to the Federal Communications Commission, AMD-PERM, Paperwork Reduction Project (3060-0678), Washington, DC 20554. We will also accept your comments regarding the Paperwork Reduction Act aspects of this collection via the Internet if you send them to [PRA@fcc.gov](mailto:PRA@fcc.gov). PLEASE DO NOT SEND COMPLETED FORMS TO THIS ADDRESS.

Remember – You are not required to respond to a collection of information sponsored by the Federal government, and the government may not conduct or sponsor this collection, unless it displays a currently valid OMB control number or if we fail to provide you with this notice. This collection has been assigned an OMB control number of 3060-0678.

**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.**

June 13, 2018

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

Re: Request for Extension of Special Temporary Authority  
Mountainside, Maryland Earth Station E140121

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 continue using its Mountainside, Maryland Ku-band earth station—call sign E140121—to provide telemetry, tracking, and command (“TT&C”) services<sup>2</sup> for Intelsat 9 (Call Sign S2380) during its drift from 29.5° W.L. to 66.15° E.L.<sup>3</sup> Intelsat 9 began drifting on May 22, 2018, and the drift is expected to take approximately eight months.

Intelsat has a pending 180-day STA request for TT&C services during Intelsat 9’s drift.<sup>4</sup>

TT&C operations will continue to 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 continue to be coordinated with all operators of satellites that use the same frequency bands and are in the drift path.<sup>5</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.

---

<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 *Satellite Communications Services Information; Actions Taken, Report No. SES-02064, File No. SES-STA-20180511-00575* (May 23, 2018) (Public Notice).

<sup>3</sup> See *Policy Branch Information; Actions Taken, Report No. SAT-01317, File No. SAT-MOD-20180305-00019* (May 18, 2018) (Public Notice); *Policy Branch Information; Actions Taken, Report No. SAT-01318, File No. SAT-STA-20180509-00041* (May 18, 2018) (Public Notice).

<sup>4</sup> See *Intelsat License LLC Request for 180-day STA To Use Hagerstown, Maryland Earth Station E140121 to Provide TT&C Services During Drift of Intelsat 9 to 66.15 E.L.*, File No. SES-STA-20180515-00633 (filed May 15, 2018).

<sup>5</sup> Intelsat will handle the coordination.

Ms. Marlene H. Dortch  
June 13, 2018  
Page 2

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 extension request will allow Intelsat to continue drifting 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 grant this STA extension request. Please direct any questions regarding this STA extension request to the undersigned at (703) 559-6949.

Respectfully submitted,

*/s/ Cynthia J. Grady*

Cynthia J. Grady  
Regulatory Counsel  
Intelsat Corporation

cc: Paul Blais

Applicant: Intelsat License LLC  
Call Sign: E140121  
File No.: SES-STA-20180613-01101  
Special Temporary Authority (STA)

Intelsat License LLC is granted extension to operate under STA for 30 days at geographical location 39° 35'53.1" N/ 077° 45' 22.3" 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, E140121, 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.
6. Operations during the period of June 19, 2018 from expiration of SES-STA-20180511-00575 to the grant of this special temporary authority was authorized pursuant to Section 1.62 of the Commission's rules, 47 C.F.R. 1.62.

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-20180613-01101  
E140121  
Call Sign \_\_\_\_\_ Grant Date 6-25-18  
(or other identifier)  
Term Dates  
From: 6-25-18 To: 7-25-18  
Approved: Paul E. Haes