


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 E140121 to Provide TT&C Services for Intelsat 9

I. Applicant

Name:	Intelsat License LLC	Phone Number:	703-559-7848
DBA Name:		Fax Number:	703-559-8539
Street:	c/o Intelsat Corporation 7900 Tysons One Place	E-Mail:	susan.crandall@intelsat.com
City:	McLean	State:	VA
Country:	USA	Zipcode:	22102 -5972
Attention:	Susan H. Crandall		

180 days *"With conditions"*
File # SES-STA-20170228-00218
Call Sign E140121 **Grant Date** 05/01/2017
(or other identifier)
Term Dates
From 05/01/2017 **To** 10/28/2017
Approved: *Paul E. Hines*



Applicant: Intelsat License LLC
Call Sign: E140121
File No.: SES-STA-20170228-00218
Special Temporary Authority (STA)

Intelsat License LLC- is granted a special temporary authority for 180 days, commencing May 1, 2017, to operate its Hagerstown, MD fixed earth station to communicate with Intelsat 9 (S2380) during its drift from 43.1° W.L. to 29.5° W.L. orbital location in the 14.0005 GHz and 14.4945 GHz (Earth-to-space) and 11.7005 GHz and 11.7022 GHz (space-to-Earth) frequency bands under the following conditions:

1. Operations will not exceed the operational power levels and parameters requested and coordinated.
2. The operations must be coordinated with all operators of satellites that use the same frequency bands. 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 is: Ph.:(703) 559-7701 –East Coast operations Center (primary); (310) 525-5591 –West Coast Operations Center (back-up). Requests to speak with Harry Burnham or Kevin Bell.
3. Operations, 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 notify the FCC in writing.
4. Transmitter(s) must be turned off during antenna maintenance to ensure compliance with the FCC-specified safety guidelines for human exposure to radiofrequency radiation in the region between the antenna feed and the reflector. Appropriate measure must also be taken to restrict access to other regions in which the earth station's power flux density levels exceed the specified guidelines.
5. Any action taken or expense incurred as a result of operations pursuant to this STA is solely at Intelsat'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.

180 days "With Conditions"

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Approved: Paul E. Hader





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 E140121

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests 180 days, beginning May 1, 2017, of Special Temporary Authority (“STA”)¹ to use its Mountainside, Maryland Ku-band earth station—call sign E140121—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.² Intelsat 9 is expected to begin drifting no earlier than April 1, 2017, and the drift will take approximately two months.³

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.⁴ 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.

¹ 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”).

² 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).

³ 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.

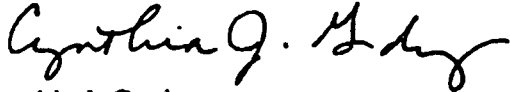
⁴ Intelsat will handle the coordination.

Ms. Marlene H. Dortch
February 27, 2017
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Grant of this STA request will allow Intelsat to drift the Intelsat 9 satellite to 29.5° W.L. to provide additional capacity at that 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 cursive script, appearing to read "Cynthia J. Grady".

Cynthia J. Grady
Regulatory Counsel
Intelsat Corporation

cc: Paul Blais

2. Contact

Name:	Cynthia J. Grady	Phone Number:	703-559-6949
Company:	Intelsat Corporation	Fax Number:	703-559-8539
Street:	7900 Tysons One Place	E-Mail:	cynthia.grady@intelsat.com
City:	McLean	State:	VA
Country:	USA	Zipcode:	22102 -5972
Attention:		Relationship:	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 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.) <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 E140121, 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 E140121, 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.