

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 Ellenwood, Georgia Earth Station E980502 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 **E-Mail:** susan.crandall@intelsat.com
7900 Tysons One Place
City: McLean **State:** VA
Country: USA **Zipcode:** 22102 -5972
Attention: Susan H. Crandall



File # SES-STA-20170228-00214
20180502 **Grant Date** 4-14-17
Call Sign (or other identifier)
From: 5-1-17 **To:** 10-28-17
Approved: *[Signature]*

Application: Intelsat License, LLC
File No.: SES-STA-20170228-00214
Call Sign: E980502
Special Temporary Authority

Intelsat License LLC is granted a special temporary authority for 180 days, beginning May 1, 2017 to October 28, 2017, to operate its fixed earth stations in Ellenwood, Georgia (call signs: E980502), 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 11700.50 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 9 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.



File # SES-STA-20170228-00214
Call Sign E980502 Grant Date 4-14-17
(or other identifier)
Term Dates
From: 5-1-17 To: 10-28-17
Approved: [Signature]

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?	
<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: Ellenwood	
8. Latitude (dd mm ss.s h) 33 39 53.0 N	

9. State GA	10. Longitude (dd mm ss.s h) 84 16 19.0 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.) Intelsat License LLC herein requests 180 days, beginning May 1, 2017, of Special Temporary Authority to use its Ellenwood, Georgia Ku-band earth station, call sign E980502, 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	
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. 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).	

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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.

12. Description

Intelsat License LLC herein requests 180 days, beginning May 1, 2017, of Special Temporary Authority to use its Ellenwood, Georgia Ku-band earth station, call sign E980502, 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.

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
Ellenwood, Georgia Earth Station E980502

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests 180 days, beginning May 1, 2017, of Special Temporary Authority (“STA”)¹ to use its Ellenwood, Georgia Ku-band earth station—call sign E980502—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.

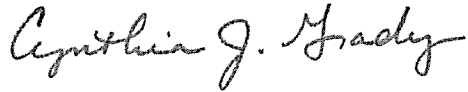
⁴ Intelsat will handle the coordination.

Ms. Marlene H. Dortch
February 2, 2017
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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 allow Intelsat to 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 cursive script that reads "Cynthia J. Grady".

Cynthia J. Grady
Regulatory Counsel
Intelsat Corporation

cc: Paul Blais