

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:
Request for Further Extension of STA Using Ellenwood, Georgia Earth Station E980502 to Provide TT&C Services for Intelsat 16
On-station at 76.2 W.L.

1. Applicant

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

60 days "with condition"
File # SES-STA-20181126-03336
Call Sign E980502 Grant Date 12/06/2018
(or other identifier)
Term Dates
From: 12/06/2018 To: 02/04/2019
Approved: Susan H. Crandall



2. Contact	
Name: Cynthia J. Grady	Phone Number: 703-559-6949
Company: Intelsat US LLC	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 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: 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 an additional 60 days of Special Temporary Authority previously granted Intelsat to use its Ellenwood, Georgia Ku-band earth station, call sign E980502, to provide telemetry, tracking, and command services for Intelsat 16 (S2750) while on-station at 76.2 W.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 Senior Counsel, Intelsat US LLC
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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Applicant: Intelsat License LLC
Call Sign: E980502
File No.: SES-STA-20181126-03336



File # SES-57A-2018 1126-03336

Call Sign E980502 Grant Date 12/06/2018
(or other identifier)

Term Dates

From: 12/06/2018 To: 02/04/2019

Approved: *Paul E. Hays*

Intelsat License LLC- ("Intelsat") is granted special temporary authority for 60 days, beginning on December 06, 2018, to operate its Ellenwood, GA earth station to provide telemetry, tracking, and command (TI&C) services for Intelsat 16 (S2750) satellite while on-station at 76.2° W.L. performed on the following center frequencies: 12198.25 MHz, 12198.75 MHz (space-to- Earth) and 13997.5 MHz, and 14499.5 MHz (Earth-to-space) under the following conditions:

1. All operations under this grant of STA shall be on an unprotected and noninterference basis.
2. In the event of any harmful interference as a result of operations under this grant of STA, Intelsat shall cease operations immediately upon notification of such interference and shall immediately inform the Commission, in writing, of such an event.
3. The operations of Intelsat 16 and associated earth stations must comport with the applicable uplink and downlink limits in 47 CFR §25.140(a)(3) of the Commission's rules, unless Intelsat coordinates any non-conforming operations with the operations of U.S.-licensed geostationary orbit space stations within 6 degrees of the 76.2° W.L. orbital location. Intelsat must also comport with the maximum power limits indicated in existing or future coordination agreements at 76.2° W.L. Non-conforming operations must also be coordinated with respect to those operations of non-U.S.- licensed space stations within 6 degrees of 76.2° W.L. involving approved communications with U.S.-licensed earth stations.
4. Any action taken or expense incurred because of operations pursuant to this STA is solely at Intelsat.
5. Pursuant to footnote US342 of the United States Table of Frequency Allocation, 47 CFR § 2.106, services operating in the 14.47-14.50 GHz band shall take all practicable steps to protect the radio astronomy service from harmful interference.
6. Grant of this authorization is without prejudice to any determination that the Commission may make regarding pending or future Intelsat applications.
7. Intelsat License LLC's operations during the period November 27, 2018 to the date of this grant were authorized pursuant to Section 1.62 of Commission's rules 47 C.F.R.

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.



E980502 SES-STA-20181126-03336
IntelSat License LLC

IB2018010345

November 20, 2018

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

Re: Request for Further Extension of Special Temporary Authority
Ellenwood, Georgia Earth Station E980502

Dear Ms. Dortch:

IntelSat License LLC (“IntelSat”) herein requests an additional 60 days of Special Temporary Authority (“STA”)¹ previously granted IntelSat to use its Ellenwood, Georgia Ku-band earth station—call sign E980502—to provide telemetry, tracking, and command (“TT&C”) services for IntelSat 16 (S2750)² while on-station at 76.2° W.L.³ IntelSat seeks this STA further extension in order to continue assisting a customer in responding to the damage caused by Hurricane Maria to the communications networks in Puerto Rico.⁴ IntelSat has a pending application to permanently license this antenna.⁵

TT&C operations will continue to be performed in the following frequencies: 12198.25 MHz, 12198.75 MHz, 13997.5 MHz, and 14499.5 MHz. The operations at 76.2° W.L. will continue to be consistent with IntelSat’s coordination agreements for the nominal 76.2° 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 \$210.00 filing fee, and this supporting letter electronically via the International Bureau’s Filing System (“IBFS”).

² See, e.g. *Satellite Communications Services Information; Actions Taken*, Report No. SES-02102, File No. SES-STA-20180924-022813 (Oct. 3, 2018) (Public Notice).

³ See, e.g. *Satellite Policy Branch Information; Actions Taken*, Report No. SAT-01328, File No. SAT-STA-20180523-00043 (July 6, 2018) (Public Notice).

⁴ IntelSat is also utilizing the following antennas for IntelSat 16 TT&C operations: E140121, KA258, E030096, and E060384.

⁵ See *IntelSat License LLC, Modification of Ellenwood, Georgia Earth Station License (E980502) to add IntelSat 16 (S2750) as Point of Communication*, File No. SES-MFS-20180919-02756 (filed September 19, 2018).

Ms. Marlene H. Dortch
November 20, 2018
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In further support of this further extension request, Intelsat incorporates by reference Exhibit A submitted with its original STA request,⁶ which contains technical information that demonstrates that the operation of the earth station will be compatible with its electromagnetic environment and will not cause harmful interference into any lawfully operating terrestrial facility or into Federal systems operating in the 13.75-14.00 GHz band. 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.

Grant of this STA further extension request will allow Intelsat to continue safety station keep Intelsat 16 while providing critical communication services in Puerto Rico from the 76.2° W.L. orbital location. Accordingly, grant of this STA extension request is in the public interest.

For the reasons set forth herein, Intelsat respectfully requests that the Commission grant this STA further extension request. Please direct any questions regarding this request to the undersigned at (703) 559-6949.

Respectfully submitted,

/s/ Cynthia J. Grady

Cynthia J. Grady
Senior Counsel
Intelsat US LLC

cc: Paul Blais

⁶ See *Satellite Communications Services Information; Actions Taken*, Report No. SES-02093, File No. SES-STA-20180806-02128 (Sept. 5, 2018) (Public Notice).