


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 STA Using Ellenwood, GA Earth Station E170086 to Communicate with G-13 and G-17

1. 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-20170627-00694
E170086
Call Sign (or other identifier) 7-5-17 Grant Date 7-5-17
Term Dates 9-2-17 To: 9-2-17
From: 7-5-17
Approved: [Signature]



GRANTED
International Bureau

Applicant: Intelsat License LLC
Call Sign: E170086
File No.: SES-STA-20170627-00694
Special Temporary Authority (STA)

Intelsat License LLC- Inc. is granted a special temporary authority for 60 days, commencing July 5, 2017, to operate its Ellenwood, GA fixed earth station to communicate with Galaxy 17 (S2715) at the 91° W.L. orbital location in the 14.0 – 14.5 GHz (Earth-to-space) and 11.7 – 12.2 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 Inc's risk.
6. Continued operations of this earth station with Galaxy 17 (S2715) at the 91° W.L. orbital location during this extension 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 20170627-00694
Call Sign E170086 Grant Date 7-5-17
(or other identifier)
From: 7-5-17 Term Dates To: 9-3-17
Approved: Paul E. Baker

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: Ellenwood 8. Latitude (dd mm ss.s h) 33 39 52.0 N

9. State GA	10. Longitude (dd mm ss.s h) 84 16 14.0 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.) <div style="border: 1px solid black; padding: 5px;"> <p>Intelsat License LLC herein requests an additional 60 days of the Special Temporary Authority previously granted Intelsat to use its Ellenwood, Georgia Ku-band earth station, call sign E170086, to communicate with Galaxy 13 (S2386) and Galaxy 17 (S2715) in order to test a new product.</p> </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"; party to the application; for these purposes. <p style="text-align: center;">Yes <input checked="" type="radio"/> No <input type="radio"/></p>	
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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INTELSAT

Envision. Connect. Transform.

June 27, 2017

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
Ellenwood, Georgia Earth Station E170086

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests an additional 60 days of the Special Temporary Authority (“STA”)¹ previously granted Intelsat to use its Ellenwood, Georgia Ku-band earth station—call sign E170086—to communicate with Galaxy 13 (S2386) and Galaxy 17 (S2715) in order to test a new product.² Intelsat has a pending application to permanently license this antenna.³

Intelsat will continue performing operations in the following frequency bands: 11.7 – 12.2 GHz and 14.0 – 14.5 GHz.

In further support of this extension request, Intelsat herewith incorporates by reference the technical information previously provided regarding the operations of E170086.⁴ In the extremely unlikely event that harmful interference should occur, Intelsat will take all reasonable steps to eliminate the interference.

Grant of this STA extension request will allow Intelsat to continue testing a new product. This, in turn, will help provide customer service and thereby promotes the public interest.

¹ Intelsat has filed this STA request, an FCC Form 159, and a \$200.00 filing fee electronically via the International Bureau’s Filing System.

² See *Satellite Communications Services Information; Actions Taken*, Report No. SES-01953, File No. SES-STA-20170421-00454 (May 3, 2017) (Public Notice).

³ See *Satellite Communications Services; Satellite Radio Applications Accepted for Filing*, Report No. SES-01956, File Number SES-LIC-20170321-00323 (May 5, 2017) (Public Notice).

⁴ *Id.*

Ms. Marlene H. Dortch
June 27, 2017
Page 2

Please direct any questions regarding this STA extension request to the undersigned at (703) 559-6949.

Respectfully submitted,

/s/ Cynthia Grady

Cynthia J. Grady
Regulatory Counsel
Intelsat Corporation

cc: Paul Blais