

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 30-day STA Extension to Use Hagerstown, Maryland Earth Station KA258 to Provide TT&C Services for Intelsat 5 (S2704) Satellite

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		



File # SES-STA-20180615-01099
Call Sign KA258 Grant Date 8/29/2018
(or other identifier)
Term Dates
From 8/29/2018 To: 9/27/2018
Approved: [Signature]

*All operations on an non-protected and non-
ever basis. [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?

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 54.6 N

Grady

9. State MD	10. Longitude (dd mm ss.s h) 77 45 33.0 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 30 days of Special Temporary Authority to use its Hagerstown, Maryland Ku-band earth station, call sign KA258, to provide telemetry, tracking, and command services for IntelSAT 5 (Call Sign S2704) during its drift from 156.9 E.L. to 137.0 W.L. and on station at 137.0 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"; 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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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 15, 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
Hagerstown, Maryland Earth Station KA258

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests an additional 30 days of Special Temporary Authority (“STA”)¹ to use its Hagerstown, Maryland Ku-band earth station—call sign KA258—to provide telemetry, tracking, and command (“TT&C”) services² for Intelsat 5 (Call Sign S2704) during its drift from 156.9° E.L. to 137.0° W.L.³ and on station at 137.0° W.L. Intelsat 5 arrived at 137.0° W.L. on May 30, 2018.⁴

TT&C operations will continue to be performed in the following frequencies: 14498 MHz (H) and 13999 MHz (RHCP) in the uplink; and 11451 MHz (H, V, and RHCP), 11452 MHz (H, V, and RHCP), and 11454 MHz (RHCP, and LHCP) in the downlink. On-station at 137.0° W.L., Intelsat will continue to operate in conformance with FCC rules and any relevant coordination agreements.

In further support of this request, Intelsat incorporates by reference Exhibit A submitted with its original STA request, 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

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 *Satellite Communications Services Information, Actions Taken, Report No. SES-STA-20180504-00490* (May 23, 2018) (Public Notice).

³ Intelsat originally intended to redeploy Intelsat 5 to 93.2° W.L. See *Policy Branch Information, Actions Taken, Report No. SAT-01311*, File No. SAT-STA-20180410-00027 (Apr. 20, 2018) (Public Notice). When the FCC recently made available for reassignment the C-band frequencies at 137° W.L., Intelsat filed to modify the authorization for the Intelsat 5 satellite to instead redeploy it to 137.0° W.L. Intelsat has also filed two STAs in support of the new redeployment. See *Intelsat License LLC, Modification of authorization to Redeploy to, and Operate Intelsat 5 (S2704) at 137.0 W.L.*, File No. SAT-MOD-20180501-00036 (filed May 1, 2018); See *Policy Branch Information, Actions Taken, Report No. SAT-01314*, File No. SAT-STA-20180502-00039 (May 11, 2018) (Public Notice); See *Policy Branch Information, Satellite Space Applications Accepted for Filing, Report No. SAT-01316*, File No. SAT-STA-20180502-00040 (May 11, 2018) (Public Notice).

⁴ Intelsat is also utilizing the following antennas on station for Intelsat 5: KL92, E060384, and E140121.

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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 extension request will allow Intelsat to drift Intelsat 5 to, and safely station-keep the satellite at, its new location. This, in turn, will help meet a new service demand at the 137.0° W.L. orbital location and thereby promotes the public interest.

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