

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 to Use Hagerstown, MD Earth Station (KA275) to Provide IOT Services to Intelsat 35e

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-20170804-00871
 Call Sign W4T5 Grant Date 8-16-17
 (or other identifier)
 Term Dates From: 8-16-17 To: 9-15-17
 Approved: [Signature]

Applicant: Intelsat License LLC
Call Sign: KA275
File No.: SES-STA-20170804-00871

Intelsat License LLC ("Intelsat") is granted special temporary authority, for 30 days, beginning August 16, 2017 to operate its Hagerstown, Maryland fixed earth station to provide in-orbit testing ("IOT") functions to Intelsat 35e at the 33.0° W.L. orbital location in the 5925-5929 MHz, 6080-6107 MHz, 6169-6181 MHz, 6199-6210 MHz, 6258-6299 MHz, 6332-6359 MHz, and 6392-6425 MHz (Earth-to-space) frequency bands 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 35e mission 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. Operations, shall not cause harmful interference to or claim protection from other lawfully operating stations and it shall cease transmission(s) immediately upon notice of such interference.
3. In the event of any harmful interference under this grant of STA, Intelsat must cease operations immediately upon notification of such interference, and must inform the Commission, in writing, immediately of such an event.
4. Grant of this authorization 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 STA is solely at Intelsat's risk.
6. Should an emergency situation exists and the applicant must notify FCC OperationCenter@fcc.gov of the situation with a copy to paul.blais@fcc.gov.

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 immediately.



File # SES-STA-20170804-00871
Call Sign KA275 Grant Date 8-16-17
(or other identifier)
Term Dates
From: 8-16-17 To: 9-15-17
Approved: Paul E. 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?			
<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 Hagerstown			
8. Latitude (dd mm ss.s h) 39 35 55.0 N			

9. State MD	10. Longitude (dd mm ss.s h) 77 45 35.0 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 previously granted Intelsat to use its Hagerstown, Maryland C-band earth station, call sign KA275, to provide in-orbit testing services to Intelsat 35e at 33.0 W.L. Intelsat 35e was launched on July 5, 2017. The IOT is expected to last approximately 45 days.	
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 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.



INTELSAT

Envision. Connect. Transform.

August 4, 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
Hagerstown, Maryland Earth Station KA275

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests an additional 30 days of Special Temporary Authority (“STA”)¹ previously granted Intelsat to use its Hagerstown, Maryland C-band earth station—call sign KA275—to provide in-orbit testing (“IOT”) services² to Intelsat 35e at 33.0° W.L.³ Intelsat 35e was launched on July 5, 2017. The IOT is expected to last approximately 45 days.

The Intelsat 35e operations will continue to be performed using the following frequencies: 5925-5929 MHz, 6080-6107 MHz, 6169-6181 MHz, 6199-6210 MHz, 6258-6299 MHz, 6332-6359 MHz, and 6392-6425 MHz. The Intelsat 35e operations will continue to be coordinated with all operators of satellites that are potentially affected by these operations at the IOT location.⁴ All operators of potentially affected satellites 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 for the Intelsat 35e mission 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.

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-01969, File No. SES-STA-20170613-00646 (June 28, 2017) (Public Notice).

³ See *Policy Branch Information; Actions Taken*, Report No. SAT-01246, File No. SAT-STA-20170314-00050 (June 16, 2017) (Public Notice). The permanent orbital location for Intelsat 35e will be at 34.5° W.L. See *Policy Branch Information; Actions Taken*, Report No. SAT-01191, SAT-LOA-20160408-00034 (Oct. 7, 2016) (Public Notice).

⁴ Intelsat will handle the coordination.

Ms. Marlene H. Dortch
June 13, 2017
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In further support of this extension request, Intelsat herewith 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. 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 in-orbit test the Intelsat 35e satellite. This, in turn, will help provide additional capacity to customers at the 34.5° 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,

/s/ Cynthia J. Grady

Cynthia J. Grady
Regulatory Counsel
Intelsat Corporation

cc: Paul Blais