

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 Special Temporary Authority to Use Hagerstown, Maryland Earth Station KA258 to Provide TT&C Services for the HYLAS-1 Satellite

1. Applicant

Name: Intelsat License LLC **Phone Number:** 703-559-7848
DBA Name: **Fax Number:** 703-559-8539
Street: c/o Intelsat US LLC **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-20191127-01596
 KA258
 Call Sign Grant Date 12-10-19
 (or other identifier)
 Term Dates
 From: 12-10-19 To: 1-9-20
 Approved: [Signature]

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?			
☒ 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	

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 previously granted to Intelsat to use its Hagerstown, Maryland Ku-band earth station (Call Sign KA258) to provide telemetry, tracking, and command services for HVLAS-1 during the satellite's drift to and on-station at 79.0 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. Yes ☒ No ☐	
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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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.

Applicant: Intelsat License LLC
Call Sign: KA258
File No.: SES-STA-20191127-01596
Special Temporary Authority ("STA")

Intelsat License LLC is granted extension of special temporary authority for 30 days to operate its earth station, Call Sign KA258, in Hagerstown, MD to provide telemetry, tracking, and command (TT&C) services to the HYLAS-1 satellite, licensed by the United Kingdom, during the satellite's drifts to and on-station at 79.0° W orbital location with the following center frequencies: 17302.048 MHz (H, LHCP), and 17305.051 MHz (H, RHCP) (Earth-to-space); and 11701.008 MHz (V, LHCP) and 11702.808 MHz (V, RHCP) (space-to-Earth). Operations are authorized under the following conditions:

1. All operations must comply with the limits currently authorized for operations of KA258.
2. All operations under this grant of STA shall be on an unprotected and non-harmful interference basis. Intelsat shall not cause harmful interference to, and shall not claim protection from interference, any other lawfully operating radio communication system.
3. In the event of any harmful interference Intelsat License LLC 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 STA is without prejudice to any determination that the Commission may make regarding pending or future Intelsat License LLC applications.
5. Any action taken, or expense incurred as a result of operations pursuant to this STA is solely at Intelsat License LLC 's risk.
6. Operations of this station during the period from expiration of December 5, 2019, IBFS file number SES-STA-20191009-01300, to the grant of this special temporary authority was authorized pursuant to Section 1.62 of the Commission's rules, 47 C.F.R. § 1.62.

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-20191127-01596
Call Sign KA258 Grant Date 12-10-19
(or other identifier)
Term Dates
From: 12-10-19 To: 1-9-20
Approved: Paul E. [Signature]

November 26, 2019

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
Hagerstown, Maryland Earth Station KA258

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests an additional 30 days of Special Temporary Authority (“STA”)¹ previously granted to Intelsat² to use its Hagerstown, Maryland Ku-band earth station (Call Sign KA258) to provide telemetry, tracking, and command (“TT&C”) services for HYLAS-1³ during the satellite’s drift to and on-station at 79.0° W.L. Intelsat will provide TT&C services for approximately five months.

HYLAS-1 TT&C operations are being performed in the following frequencies:

- 17302.048 MHz (H, LHCP), and 17305.051 MHz (H, RHCP) in the uplink; and
- 11701.008 MHz (V, LHCP) and 11702.808 MHz (V, RHCP) in the downlink.

The drift operations will continue to 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 have been provided with an emergency phone number where the licensee can be reached in the event that harmful interference occurs. In the extremely unlikely event that harmful interference should occur due to

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-02217, File No. SES-STA-20191009-01300 (Public Notice) (Nov. 13, 2019).

³ HYLAS-1 is licensed by the United Kingdom.

⁴ Avanti will handle the coordination.

transmissions to or from its earth station, Intelsat will take all reasonable steps to eliminate the interference.

The 24x7 contact information for the drift of HYLAS-1 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.

In further support of this request, Intelsat incorporates by reference Exhibits A and B of its original application,⁵ which contain waiver requests.

Grant of this further STA extension request will allow Intelsat to help the operator of HYLAS-1 safely drift and station-keep the satellite. This, in turn, will help ensure safe space operations and thereby promotes the public interest.

For the reasons set forth herein, Intelsat respectfully requests that the Commission grant this further STA 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

⁵ See *Satellite Communications Services Information; Actions Taken*, Report No. SES-02201, File No. SES-STA-20190827-00127 (Public Notice) (Sept. 18, 2019).