

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:  
Request for an Additional 30 Days of Special Temporary Authority to Use Castle Rock, Colorado Earth Station E990323 to Provide  
TT&C Services for HYLAS-1

**I. Applicant**

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

30 days "with conditions"  
File # SES-STA-20200217-00161



Call Sign E990323 Grant Date 02/24/2020  
(or other identifier) <sup>Term Dates</sup>

From: 02/24/2020 To: 03/24/2020

Approved: [Signature]

<b>2. Contact</b>			
<b>Name:</b>	Cynthia J. Grady	<b>Phone Number:</b>	703-559-6949
<b>Company:</b>	Intelsat US LLC	<b>Fax Number:</b>	703-559-8539
<b>Street:</b>	7900 Tysons One Place	<b>E-Mail:</b>	cynthia.grady@intelsat.com
<b>City:</b>	McLean	<b>State:</b>	VA
<b>Country:</b>	USA	<b>Zipcode:</b>	22102 -5972
<b>Attention:</b>		<b>Relationship:</b>	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 Castle Rock			
8. Latitude (dd mm ss.s h) 39 16 35.0 N			

9. State CO	10. Longitude (dd mm ss.s h) 104 48 23.9 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 30 days of Special Temporary Authority previously granted to Intelsat to use its Castle Rock, Colorado Ku-band earth station (Call Sign E990323) to provide back-up telemetry, tracking, and command services for HYLAS-1 on-station at 79.0 W.L.</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"; 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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**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: E990323  
File No.: SES-STA-20200217-00161  
Special Temporary Authority ("STA")



"with conditions"  
File # SES-STA-20200217-00161  
Call Sign E990323 Grant Date 02/24/2020  
(or other identifier)  
Term Dates  
From: 02/24/2020 To: 03/24/2020  
Approved: Paul E. H. [Signature]

Intelsat License LLC is granted extension of STA for 30 days to provide back-up telemetry, tracking, and command services for HYLAS-1 satellite on-station at 79.0° W on center frequencies 17302.048 MHz (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) from its Castle Rock, CO fixed earth station via Intelsat's KA258 station in Hagerstown, MD under the following conditions:

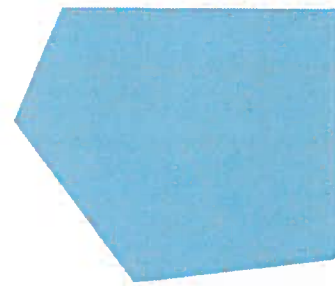
1. The LEOP operations must be coordinated with all operators of satellites that use the same frequency bands and are in the LEOP path. All operators of satellites in that path will be provided with an emergency phone number where the licensee can be reached in the event that harmful interference occurs. Currently the 24x7 contact information is as follows: 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.
2. All operations under this grant of STA shall be on an unprotected and non-harmful interference basis. Intelsat's E990323 shall not cause harmful interference to, and shall not claim protection from interference caused to it by, any other lawfully operating radio communication system.
3. 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.
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 February 15, 2020, IBFS file number SES-STA-20200106-00015, to the grant of this STA 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.



**INTELSAT.**

*Envision. Connect. Transform.*



February 12, 2020

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  
Castle Rock, Colorado Earth Station E990323

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests an additional 30 days of Special Temporary Authority (“STA”),<sup>1</sup> previously granted to Intelsat<sup>2</sup> to use its Castle Rock, Colorado Ku-band earth station (Call Sign E990323) to provide back-up telemetry, tracking, and command (“TT&C”) services for HYLAS-1 on-station at 79.0° W.L.<sup>3</sup> Intelsat is currently providing TT&C services to HYLAS-1 using Intelsat’s Hagerstown, Maryland Ku-band antenna (Call Sign KA258).<sup>4</sup> Intelsat expects to provide back-up TT&C for HYLAS-1 for approximately two months.

HYLAS-1 TT&C operations will continue to be 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.

All potentially affected operators 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

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<sup>1</sup> 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.

<sup>2</sup> See *Satellite Communications Services Information; Actions Taken*, Report No. SES-02235, File No. SES-STA-20200106-00015 (Jan. 22, 2020) (Public Notice).

<sup>3</sup> HYLAS-1 is licensed by the United Kingdom.

<sup>4</sup> See *Intelsat License LLC 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*, File No. SES-STA-20200106-00014 (Filed Jan. 6, 2020).



Ms. Marlene H. Dortch  
February 12, 2020  
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that harmful interference should occur due to transmissions to or from its earth station, Intelsat will take all reasonable steps to eliminate the interference.

The 24x7 contact information for the HYLAS-1 TT&C operations 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 request<sup>5</sup> which contain waiver requests.

Grant of this STA extension request will allow Intelsat to help the operator of HYLAS-1 safely 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 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

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<sup>5</sup> See *supra* n. 2.