



**INTELSAT.**

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January 3, 2020

Ms. Marlene H. Dortch  
Secretary  
Federal Communications Commission  
445 12th Street, S.W.  
Washington, D.C. 20554

Re: Request for Special Temporary Authority  
Castle Rock, Colorado Earth Station E990323

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests 30 days of Special Temporary Authority (“STA”),<sup>1</sup> commencing January 16, 2020, 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>2</sup> Intelsat is currently providing TT&C services to HYLAS-1 using Intelsat’s Hagerstown, Maryland Ku-band antenna (Call Sign KA258).<sup>3</sup> Intelsat expects to provide back-up TT&C for HYLAS-1 for approximately 1-2 months.

HYLAS-1 TT&C operations will 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 will be 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 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:

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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> HYLAS-1 is licensed by the United Kingdom.

<sup>3</sup> See *Satellite Communications Services Information; Actions Taken*, Report No. SES-02227, File No. SES-STA-20191127-01596 (Dec. 18, 2019) (Public Notice).

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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 herewith attaches Exhibits A and B, which contain waiver requests.

Grant of this STA 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 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