



March 12, 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 March 23, 2020, to use its Castle Rock, Colorado Ku-band earth station (Call Sign E990323) to provide telemetry, tracking, and command ("TT&C") services for HYLAS-1<sup>2</sup> during the satellite's drift west from 79.0° W.L. HYLAS-1 will commence its drift on March 23, 2020 and, subject to Federal Communications Commission ("Commission") approval, Intelsat will provide TT&C drift services for approximately three months until the satellite is beyond the antenna's visibility at approximately 220.0° E.L.

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.

The drift operations will be coordinated with all operators of satellites that use the same frequency bands and are in the drift path.<sup>3</sup> 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.

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.

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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> Avanti will handle the coordination.

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In further support of this request, Intelsat herewith attaches Exhibits A and B, which contain waiver requests. 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 request will allow Intelsat to help the operator of HYLAS-1 safely drift 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