



**INTELSAT.**

*Envision. Connect. Transform.*

August 27, 2019

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

Re: Request for Special Temporary Authority  
Hagerstown, Maryland Earth Station KA258

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests 30 days of Special Temporary Authority (“STA”),<sup>1</sup> commencing September 16, 2019, to use its Hagerstown, Maryland Ku-band earth station (Call Sign KA258) to provide telemetry, tracking, and command (“TT&C”) services for HYLAS-1<sup>2</sup> during the satellite’s drift to and on-station at 79.0° W.L. HYLAS-1 will need the drift support of KA258 beginning September 16, 2019 and, subject to receipt of Federal Communications Commission (“FCC” or “Commission”) approval, Intelsat will provide TT&C services for approximately five 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.

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

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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 (“IBFS”).

<sup>2</sup> HYLAS-1 is licensed by the United Kingdom.

<sup>3</sup> Avanti will handle the coordination.

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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 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 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 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 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