

February 2, 2022

Ms. Marlene H. Dortch
Secretary
Federal Communications Commission
45 L Street NE
Washington, DC 20554

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

Dear Ms. Dortch:

Intelsat License LLC, as debtor in possession (“Intelsat”), herein requests 30 days of Special Temporary Authority (“STA”),¹ commencing March 1, 2022, to use its Castle Rock, Colorado Ku-band earth station, Call Sign E990323, to provide telemetry, tracking, and command (“TT&C”) services for HYLAS-1² during the satellite’s drift from 80.8° W.L to, and on-station at, 123.1° W.L. Intelsat expects the drift to take approximately one month and will provide on-station TT&C for an additional three months.

The 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.³

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 drift operations is as follows:

Ph.: (703) 559-7701 – East Coast Operations Center (primary)
(310) 525-5591 – West Coast Operations Center (back-up)

¹ Intelsat has filed its STA request, FCC Form 159, a \$210.00 filing fee, and this supporting letter electronically via the International Bureau’s Filing System.

² HYLAS-1 is licensed by the United Kingdom.

³ The uplink and downlink emission designators are 1M00F2D and 500KG2D, respectively. The size of the uplink carrier is 1 MHz and the downlink carrier is 500 kHz. With the exception of the emission designators and the downlink frequencies, the proposed operations are within the licensed parameters.

Request to speak with Kevin Bell or Glen Jones.

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 Federal Communications Commission grant this STA request. Please direct any questions regarding this STA request to the undersigned at (703) 559-6949.

Respectfully submitted,

/s/ Cynthia J. Grady

Cynthia J. Grady

Assistant General Counsel, Intelsat US LLC
on behalf of Intelsat License LLC

cc: Kerry Murray