

October 10, 2017

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
Hagerstown, Maryland Earth Station E140121

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests an additional 30 days of Special Temporary Authority (“STA”)¹ previously granted Intelsat to use its Hagerstown, Maryland Ku-band earth station—call sign E140121—to provide telemetry, tracking, and command (“TT&C”) services for the Amazonas-5 satellite during in-orbit testing (“IOT”) at 58.2° W.L., during its drift from 58.2° W.L. to its final location at 61.0° W.L., and at 61.0° W.L., until handoff.² Amazonas-5 was launched on September 11, 2017.³ Intelsat expects the IOT and drift to last approximately 46 days.

The Amazonas-5 LEOP operations will continue to be performed at the following frequencies: 13999.5 MHz and 14499.5 MHz (Linear H, V, LHCP) in the uplink; and 12202.25 MHz and 11701.0 MHz (Linear H, V, RHCP) in the downlink. The operations will continue to be coordinated with all operators of satellites that use the same frequency bands and are in the drift path or are potentially affected by these operations at the IOT location.⁴ All operators of potentially affected satellites 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 Amazonas-5 mission 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.

¹ Intelsat has filed its STA request, an FCC Form 159, a \$200.00 filing fee, and this supporting letter electronically via the International Bureau’s Filing System (“IBFS”).

² See *Satellite Communications Services Information; Actions Taken*, Report No. SES-01988, File No. SES-STA-20170824-00952 (Sept. 6, 2017) (Public Notice).

³ Intelsat understands Amazonas-5 is licensed by Brazil.

⁴ SSL, the manager of the Amazonas-5 LEOP mission, will handle the coordination.

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In further support of this extension request, Intelsat herewith attaches Exhibits A and B, which contain a 13 GHz report and a waiver request. 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 extension request will allow Intelsat to help test the Amazonas-5 satellite. This, in turn, will help provide additional capacity from the 61.0° W.L. orbital location and thereby promotes the public interest.

Please direct any questions regarding this STA extension request to the undersigned at (703) 559-6949.

Respectfully submitted,

/s/ Cynthia J. Grady

Cynthia J. Grady
Regulatory Counsel
Intelsat Corporation

cc: Paul Blais