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September 30, 2019

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 to Test a New VSAT Network at IntelSat's Hagerstown, Maryland Earth Station; Call Sign E040140

Dear Ms. Dortch:

IntelSat License LLC ("IntelSat") herein requests an additional 30 days of Special Temporary Authority ("STA")¹ previously granted to IntelSat to test new Ku-band VSAT network equipment with Galaxy 18 (Call Sign S2733) at its Hagerstown, Maryland teleport.² The test began on September 10, 2019 and is expected to last for 45-60 days.

The test will continue to be conducted in the following frequency bands: 14240.6-14260.5 MHz and 11940.6-11960.5 MHz.

For the test IntelSat is utilizing its Hagerstown, Maryland earth station E040140³ as a VSAT hub; its Hagerstown, Maryland earth station E170083⁴ as a VSAT terminal; and an unlicensed 1.2-meter antenna located at its Hagerstown, Maryland teleport as a VSAT terminal. The testing allows IntelSat

¹ IntelSat has filed this STA request, an FCC Form 159, and a \$210.00 filing fee electronically via the International Bureau's Filing System.

² See *Satellite Communications Services Information, Actions Taken*, Report No. SES-02199, File No. SES-STA-20190815-01101 (Sept. 11, 2019) (Public Notice).

³ See *Satellite Communications Services Information, Actions Taken*, Report No. SES-02148, File No. SES-RWL-20190325-00393 (Mar. 27, 2019) (Public Notice).

⁴ See *Satellite Communications Services Information, Actions Taken*, Report No. SES-01969, File No. SES-LIC-20170315-00271 (Jun. 28, 2017) (Public Notice).

to assess system functionality and network performance prior to launching a new VSAT network. All testing will continue to take place at Intelsat's teleport in Hagerstown, Maryland and will be consistent with Intelsat's coordination agreements for Galaxy 18. In the extremely unlikely event that harmful interference should occur due to transmissions to or from this testing, Intelsat will take all reasonable steps to eliminate the interference.

The 24x7 contact information for the requested 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.

In further support of this request, Intelsat incorporates by reference Exhibit A of its original request,⁵ a radiation hazard analysis report for the unlicensed 1.2-meter antenna.

The testing of new VSAT network equipment will help ensure the network is operational for customers. Accordingly, grant of this STA extension request is in the public interest.

For the reasons set forth herein, Intelsat respectfully requests that the Federal Communications Commission grant this extension request. Please direct any questions regarding this request to (703) 559-6949.

Sincerely,

/s/ Cynthia J. Grady

Cynthia J. Grady
Senior Counsel
Intelsat US LLC

cc: Paul Blais

⁵ See *supra* at n. 2.