

September 26, 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 E030100

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 C-band earth station—call sign E030100—to provide launch and early orbit phase (“LEOP”) services for Intelsat 37e; and, to the extent necessary, telemetry, tracking, and command (“TT&C”) during in-orbit testing (“IOT”) at 17.5° W.L. and TT&C during the drift of Intelsat 37e to its final location of 18.0° W.L.² Intelsat 37e is now expected to be launched on September 29, 2017.³ The LEOP, IOT, and drift are expected to last approximately 70 days.

The proposed operations will be performed using the following frequencies and frequency bands: 6421.5-6425.0 MHz, and 5850.0-5853.5 in the uplink (LHCP/V); and 4197.75 MHz, 4198.25 MHz, 4198.75 MHz, and 4199.25 MHz in the downlink (LHCP/H). The proposed operations will be coordinated with all operators of satellites that use the same frequency bands and are in the LEOP path, 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.

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-01985, File No. SES-STA-20170804-00875 (Aug. 23, 2017) (Public Notice).

³ The permanent orbital location for Intelsat 37e will be at 18.0° W.L. See *Policy Branch Information; Actions Taken*, Report No. SAT-01243, File No. SAT-LOA-20160915-00089 (June 9, 2017) (Public Notice).

⁴ Intelsat will handle the coordination.

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The 24x7 contact information for the Intelsat 37e 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.

In further support of this request, Intelsat incorporates by reference Exhibit A submitted with its original STA request, which contains technical information that demonstrates that the operation of the earth station will be compatible with its electromagnetic environment and will not cause harmful interference into any lawfully operating terrestrial facility. 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 launch and test the Intelsat 37e satellite. This, in turn, will help provide additional capacity to customers at the 18.0° 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,



Cynthia J. Grady
Regulatory Counsel
Intelsat Corporation

cc: Paul Blais