

February 22, 2016

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 E000296

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests an additional 30 days, beginning February 26, 2016, of the Special Temporary Authority (“STA”)<sup>1</sup> previously granted Intelsat to use its Hagerstown, Maryland C-band earth station—call sign E000296—to provide launch and early orbit phase (“LEOP”) services for Intelsat 29e; telemetry, tracking, and command (“TT&C”) during in-orbit testing (“IOT”) at 49.7° W.L; and TT&C during the drift<sup>2</sup> of Intelsat 29e to its final location of 50.0° W.L.<sup>3</sup> Intelsat 29e was launched on January 27, 2016. The LEOP mission is complete; IOT and drift are expected to last approximately 45 days and 5 days, respectively.

The Intelsat 29e operations will continue to be performed using the following frequencies: 3701.25 MHz, 3701.75 MHz, 3702.25 MHz, and 3702.75 MHz in the downlink (LHCP, V); and 5850.5 MHz, 5853.0 MHz, 6422.0 MHz, and 6424.5 MHz in the uplink (LHCP, V). The proposed operations will 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.<sup>4</sup> 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 Intelsat 29e mission is as follows:

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

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<sup>1</sup> Intelsat has filed its STA request, an FCC Form 159, a \$195.00 filing fee, and this supporting letter electronically via the International Bureau’s Filing System (“IBFS”).

<sup>2</sup> See *Satellite Communications Services Information; Actions Taken*, Report No. SES-01818, File No. SES-STA-20151230-00976 (Jan. 27, 2016) (Public Notice).

<sup>3</sup> See *Policy Branch Information; Actions Taken*, Report No. SAT-01086, File No. SAT-LOA-20130722-0097 (May 22, 2015) (Public Notice).

<sup>4</sup> Intelsat will handle the coordination.

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Request to speak with Harry Burnham or Kevin Bell.

In further support of this extension 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. Intelsat also notes that for purposes of this STA, it is seeking to operate in the frequencies listed in the request at power levels not to exceed 31.0 dBW. 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 safely complete the testing and drift of the Intelsat 29e satellite. This, in turn, will help ensure continuity of service at the 50.0° 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,

A handwritten signature in blue ink that reads "Cynthia J. Grady". The signature is written in a cursive style with a large initial "C".

Cynthia J. Grady  
Regulatory Counsel  
Intelsat Corporation

cc: Paul Blais