

January 8, 2016

Ms. Marlene H. Dortch  
Secretary  
Federal Communications Commission  
445 12th Street, S.W.  
Washington, D.C. 20554

Re: Request for Further Extension of Special Temporary Authority  
Fillmore, California Earth Station E000363

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests an additional 60 days—from January 16, 2016 through March 15, 2016—of the Special Temporary Authority (“STA”)<sup>1</sup> previously granted Intelsat to use its Fillmore, California C-band earth station—call sign E000363—to provide on-station, telemetry, tracking, and command (“TT&C”) service to Intelsat 34 (S2915) at its permanent location of 55.5° W.L.<sup>2</sup> Intelsat has a pending application to permanently modify its E000363 license to include TT&C operations for Intelsat 34.<sup>3</sup>

The Intelsat 34 operations will continue to be performed using the following frequencies:

6173.7 MHz and 6176.3 MHz in the uplink (LHCP); and  
3949.0 MHz, 3949.5 MHz, 3950.5 MHz, and 3951 MHz in the downlink (RHCP).

In further support of this request, Intelsat incorporates by reference Exhibit A, 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, and the waiver request submitted with its original STA 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. Intelsat also notes that it is seeking to continue to operate in the frequencies listed in this request at power levels not to exceed 32.2 dBW. Grant of this STA further extension request will allow Intelsat to continue to ensure the safe station-keeping of the Intelsat 34 satellite as a back-up to the satellite’s primary TT&C antenna. This, in turn,

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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.01799, File No. SES-STA-20151110-00823 (Nov. 18, 2015); *Satellite Communications Services Information; Actions Taken*, Report No.01792, File No. SES-STA-20151014-00683 (Oct. 21, 2015) (Public Notice).

<sup>3</sup> See *Intelsat License LLC Modification of License for Fillmore, CA Earth Station Call Sign E000363*, File No. SES-MFS-20151023-00763 (filed Oct. 23, 2015).

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helps ensure continuity of service at the 55.5° 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' and a distinct 'J'.

Cynthia J. Grady  
Regulatory Counsel  
Intelsat Corporation

cc: Paul Blais