

December 21, 2015

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  
Fillmore, California Earth Station E4132

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests an additional 30 days, from December 31, 2015 through January 29, 2016, of the Special Temporary Authority (“STA”)<sup>1</sup> previously granted Intelsat to use its Fillmore, California C-band earth station—call sign E4132—to provide telemetry, tracking, and command (“TT&C”) services for Intelsat 805 (S2404)<sup>2</sup> during its drift from 55.5° W.L. to 169.0° E.L.<sup>3</sup> Intelsat 805 is now expected to begin drifting no earlier than January 1, 2016. The drift is expected to take approximately three months.

TT&C operations will be performed in the following frequencies: 3947.5 MHz, 3948.0 MHz, 3952.0 MHz, 3952.5 MHz, 6173.7 MHz, and 6176.3 MHz. The drift operations will be coordinated with all operators of satellites that use the same frequency bands and are in the drift path.<sup>4</sup> All operators of satellites in that path 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 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.

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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-01804, File No. SES-STA-20151118-00852 (Dec. 2, 2015) (Public Notice).

<sup>3</sup> See *Policy Branch Information; Satellite Space Applications Accepted for Filing*, Report No. SAT-01112, File No. SAT-STA-20151002-00068 (Oct. 16, 2015) (Public Notice). See also *Satellite Space Applications Accepted for Filing*, Report No. SAT-01122, File No. SAT-MOD-20151020-00072 (Dec. 11, 2015) (Public Notice).

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

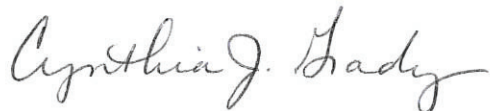
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In further support of this request, Intelsat incorporates by reference Exhibit A submitted with its original STA, which contains technical information that demonstrates that the operation of the earth station will be compatible with its electromagnetic 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 drift the Intelsat 805 satellite to its new location. This, in turn, will help satisfy customer demand at 169.0° E.L. orbital location and thereby promotes the public interest.

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

Respectfully submitted,

A handwritten signature in cursive script that reads "Cynthia J. Grady".

Cynthia J. Grady  
Regulatory Counsel  
Intelsat Corporation

cc: Paul Blais