



June 23, 2016

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

Re: Request for Special Temporary Authority  
Castle Rock, Colorado Earth Station E881304

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests a grant of Special Temporary Authority (“STA”)<sup>1</sup> for 30 days, commencing July 20, 2016, to use its Castle Rock, Colorado C-band earth station—call sign E881304—to provide telemetry, tracking, and command (“TT&C”) to Intelsat 29e at its permanent location of 50.0° W.L.<sup>2</sup>

The proposed operations will be performed using the following frequencies: 3701.25 MHz, 3701.75 MHz, 3702.25 MHz, and 3702.75 MHz in the downlink; and 5850.0 - 5853.5 MHz and 6421.0 - 6424.5 MHz in the uplink. Intelsat expects to file an application for a permanent modification to E881304 to support Intelsat 29e TT&C operations at 50.0° W.L.

In further support of this request, Intelsat hereby attaches 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. 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 26.0dBW.

The proposed TT&C operations at 50.0° W.L. will be consistent with Intelsat’s coordination agreements for the nominal 50° W.L. In the unlikely event that harmful interference occurs, Intelsat will take all necessary steps to eliminate the interference.

Grant of this STA request will allow Intelsat to provide TT&C services to the Intelsat 29e satellite at 50.0° W.L., which ensures safe station-keeping of the satellite. This, in turn, will help ensure continuity of service at the 50.0° W.L. orbital location and thereby promotes the public interest.

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

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

Respectfully submitted,

A handwritten signature in blue ink that reads "Cynthia J. Grady". The signature is fluid and cursive, with "Cynthia" on top and "J. Grady" below it.

Cynthia J. Grady  
Regulatory Counsel  
Intelsat Corporation

cc: Paul Blais