

October 17, 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
Castle Rock, Colorado Earth Station E881304

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests an additional 60 days of the Special Temporary Authority (“STA”)¹ previously granted Intelsat to use its Castle Rock, Colorado Ku-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.² Intelsat has a pending application to modify the E881304 license to support Intelsat 29e TT&C operations at 50.0° W.L. on a permanent basis.³

These TT&C 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; and 5850.0 - 5853.5 MHz and 6421.0 - 6424.5 MHz in the uplink.

In further support of this further extension request, Intelsat incorporates by reference Exhibit A of its initial 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 26.0 dBW.

The 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.

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-01882, File No. SES-STA-20160815-00726 (Aug. 31, 2016) (Public Notice); *Satellite Communications Services Information; Actions Taken*, Report No. SES-01872, File No. SES-STA-20160623-00603 (July 27, 2016) (Public Notice); *Policy Branch Information; Actions Taken*, Report No. SAT-01086, File No. SAT-LOA-20130722-00097 (May 22, 2015) (Public Notice).

³ See *Satellite Communications Services; Satellite Radio Applications Accepted for Filing*, File No. SES-MOD-20160712-00636 (Aug. 24, 2016) (Public Notice).

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Grant of this STA further extension request will continue to allow Intelsat to continue 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.

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 written in a cursive, flowing style.

Cynthia J. Grady
Regulatory Counsel
Intelsat Corporation

cc: Paul Blais