

February 4, 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 E040174

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests an additional 60 days, beginning February 13, 2016, of the Special Temporary Authority (“STA”)¹ previously granted Intelsat to use its Castle Rock, Colorado C-band earth station—call sign E040174—to provide on-station, telemetry, tracking, and command (“TT&C”) service to Intelsat 34 (S2915)² at its permanent location of 55.5° W.L.³ Intelsat has a pending application to modify E040174.⁴

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 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, 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 operating in the frequencies listed in this request at power levels not to exceed 27.0 dBW.

¹ 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”).

² See *Satellite Communications Services information; Actions Taken*, Report No. SES-01813, File No. SES-STA-20151211-00930 (Jan. 13, 2016) (Public Notice); *Satellite Communications Services Information; Actions Taken*, Report No. SES-01799, File No. SES-STA-20151014-00681 (Nov. 18, 2015) (Public Notice).

³ See *Policy Branch Information; Actions Taken*, Report No. SAT-01064, File No. SAT-LOA-20140114-00005 (Jan. 23, 2015) (Public Notice).

⁴ See *Satellite Communications Services; Satellite Radio Applications Accepted for Filing*, Report No. 01814, File No. SES-MOD-20151023-00762 (Jan. 13, 2016) (Public Notice).

Ms. Marlene H. Dortch
February 4, 2016
Page 2

Grant of this STA further extension request will allow Intelsat 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, will help 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 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 long, sweeping tail on the letter "y".

Cynthia J. Grady
Regulatory Counsel
Intelsat Corporation

cc: Paul Blais