

March 31, 2017

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

Re: Request for Special Temporary Authority
Castle Rock, Colorado Earth Station E040174

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests a grant of Special Temporary Authority (“STA”)¹ for 30 days, commencing May 1, 2017, to use its Castle Rock, Colorado C-band earth station, call sign E040174,² to perform de-orbit maneuvers for the Intelsat 701 (S2400) satellite.³ Intelsat 701 is expected to begin de-orbiting on May 1, 2017 and the de-orbit is expected to last approximately 30 days.

The proposed Intelsat 701 deorbit operations will be performed in the following frequencies:

- 6173.7 MHz and 6176.3 MHz in the uplink (LHCP), and
- 3947.5 MHz, 3948.0 MHz, 3952.0 MHz, and 3952.5 MHz in the downlink (RHCP).

The proposed operations will be coordinated with all operators of satellites that use the same frequency bands and are in the de-orbit path.

In further support of this request, Intelsat herewith 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 will take all practical steps to ensure that the operations proposed herein do not cause harmful interference to existing terrestrial operations. In the extremely unlikely event that

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 Intelsat is concurrently filing STA requests for E000296, E4132, and E040125 to support the Intelsat 701 de-orbit maneuvers.

³ See Intelsat License LCC, Application to Modify Authorization for Intelsat 701, File No. SAT-MOD-20160425-00040 (stamp grant June 18, 2016) (approving Intelsat’s post-mission disposal plan for the Intelsat 701 satellite).

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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 request will allow Intelsat to perform TT&C for the Intelsat 701 satellite during de-orbit and therefor safely transition the satellite into its graveyard orbit. As such, this request is in 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