

December 22, 2017

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

Re: Request for Special Temporary Authority
Filmore, California Earth Station KA391

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests grant of Special Temporary Authority (“STA”)¹ for 30 days, commencing upon grant, to use its Filmore, California C-band earth station—call sign KA391—to provide telemetry, tracking, and command (“TT&C”) services to Intelsat 805 at its permanent location of 169.0° E.L.² Intelsat plans shortly to permanently modify its KA391 license to support Intelsat 805 TT&C services at 169.0° E.L.

The proposed Intelsat 805 TT&C operations would be performed at the following frequencies: 6173.7 MHz and 6176.3 MHz (CP) in the uplink, and 3947.5 MHz, 3948.0 MHz, 3952.0 MHz, and 3952.5 MHz (RHCP) in the downlink.

Intelsat will provide technical information demonstrating 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 as part of its application to permanently modify its KA391 license to include Intelsat 805 as an authorized point of communication. 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 request will allow Intelsat to safely station-keep the satellite at 169.0° E.L. orbital location and thereby promotes the public interest.

¹ Intelsat has filed its STA request, FCC Form 159, a \$200.00 filing fee, and this supporting letter electronically via the International Bureau’s Filing System (“IBFS”).

² See *Policy Branch Information; Actions Taken*, Public Notice, Report No. SAT-01139, IBFS File No. SAT-AMD-20151120-00077 (Feb. 26, 2016).

Ms. Marlene H. Dortch
December 22, 2017
Page 2

For the reasons set forth herein, Intelsat respectfully requests that the Commission grant this STA request. Please direct any questions regarding this request to the undersigned at (703) 559-7848.

Sincerely,

/s/ Susan H. Crandall
Susan H. Crandall
Associate General Counsel
Intelsat Corporation

Cc: Paul Blais