

August 9, 2013

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



Re: Request for Special Temporary Authority to Conduct Telemetry,
Tracking and Control Operations Using Earth Station E860175

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests Special Temporary Authority (“STA”)¹ for 30 days, commencing immediately upon grant, to use its Fillmore, California earth station – call sign E860175 – to provide primary telemetry, tracking and control (“TT&C”) services to the Intelsat 603 satellite, licensed by the Argentine Administration, at 80.6° W.L.² The FCC recently granted Intelsat STA for this earth station to provide primary TT&C services to Intelsat 603 at 81.0° W.L.³ However, for station-keeping purposes, the satellite is now located at 80.6° W.L. At 80.6° W.L., secondary TT&C operations will be performed by another Intelsat earth station – E040174.⁴

The Intelsat 603 TT&C operations will be performed in the following frequency bands:

Uplink: 6173.7 MHz and 6176.3 MHz (CP and LP)

Downlink: 3947.5 MHz, 3948.0 MHz, 3952.0 MHz, and 3952.5 MHz (CP and LP)

¹ Intelsat has filed its STA request, an FCC Form 159, a \$180.00 filing fee and this supporting letter electronically via the International Bureau’s Filing System (“IBFS”).

² Intelsat 603 is not on the Permitted Space Station List. Intelsat includes herewith a waiver request with respect to the requirements regarding access to a foreign-licensed satellite.

³ See *Intelsat License LLC Request for Special Temporary Authority*, File No. SES-STA-2013040300306 (stamp grant issued by Paul Blais on July 31, 2013, with conditions). Intelsat will agree to the imposition of the same conditions with respect to this request.

⁴ Intelsat is concurrently filing an STA request for its Castle Rock, Colorado earth station E040174 to provide back-up TT&C services to the satellite while it is on-station at 80.6° W.L.

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The transmitted EIRP will be 80.8 dBW.

Grant of this STA request will serve the public interest because the redeployment of the Intelsat 603 satellite to 80.6° W.L. will provide additional capacity temporarily at that location. The antenna is expected to provide primary TT&C for approximately three months at 80.6° W.L.⁵

In support of this request, Intelsat attaches Exhibits A and B, which contain a waiver request, as well as technical information indicating 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 or government facility. 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.

Please direct any questions regarding this STA request to the undersigned at (202) 944-7848.

Respectfully submitted,



Susan H. Crandall
Assistant General Counsel
Intelsat Corporation

cc: Paul Blais

⁵ Intelsat 603 is expected to be de-orbited from 80.6° W.L.