

May 24, 2017

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

Re: Request for Extension of Special Temporary Authority
Hagerstown, Maryland Earth Station E000296

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests an additional 30 days of Special Temporary Authority (“STA”)¹ previously granted Intelsat to use its Hagerstown, Maryland C-band earth station, call sign E000296,² to complete de-orbit maneuvers for the Intelsat 701 (S2400) satellite.³ Intelsat 701 began de-orbiting on May 1, 2017 and the de-orbit is expected to last approximately 30 days.

The Intelsat 701 de-orbit operations will continue to 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 Intelsat 701 de-orbit operations will continue to 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 extension 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. Intelsat will take all practical steps to ensure that the operations proposed herein do not cause harmful interference to existing terrestrial operations.

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-01950, File No. SES-STA-20170403-00355 (Apr. 26, 2017) (Public Notice).

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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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 extension request will allow Intelsat to continue 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 extension 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 large, flowing "G" at the end.

Cynthia J. Grady
Regulatory Counsel
Intelsat Corporation

cc: Paul Blais