

July 19, 2017

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

Re: Request for Special Temporary Authority
Hagerstown, Maryland Earth Station E100118

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests a grant of Special Temporary Authority (“STA”)¹ for 60 days, commencing August 10, 2017, to use its Hagerstown, Maryland C-band earth station—call sign E100118—to provide Telemetry, Tracking, and Command (“TT&C”) services to Intelsat 35e (call sign S2959) at its permanent location of 34.5° W.L.² Intelsat has a pending application for this new antenna, which will support Intelsat 35e TT&C services at 34.5° W.L.³

The proposed operations will be performed at the following center frequencies: 4197.75 MHz, 4198.25 MHz, 4198.75 MHz, and 4199.25 MHz (space-to-Earth); and 5853.0 MHz and 6424.5 MHz (Earth-to-space).

In further support of this request, Intelsat incorporates its pending application,⁴ which includes 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.

The proposed operations at 34.5° W.L. will be consistent with Intelsat’s coordination agreements for the nominal 34.5° W.L. In the unlikely event that harmful interference occurs, Intelsat will take all necessary steps to eliminate the interference.

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 *Policy Branch Information; Actions Taken*, Report No. SAT-01191, SAT-LOA-20160408-00034 (Oct. 7, 2016) (Public Notice).

³ See *Satellite Communications Services; Satellite Radio Applications Accepted For Filing*, Report No. SES-01970, File No. SES-MOD-20170510-00548 (July 5, 2017) (Public Notice).

⁴ *Id.*

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Grant of this STA request will allow Intelsat to provide TT&C services to the Intelsat 35e satellite at 34.5° W.L., which ensures safe station-keeping of the satellite. This, in turn, will help ensure continuity of service at the 34.5° 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, reading "Cynthia J. Grady". The signature is written in a cursive style with a large initial "C".

Cynthia J. Grady
Regulatory Counsel
Intelsat Corporation

cc: Paul Blais