

October 14, 2015

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

Re: Request for Further Extension of Special Temporary Authority
Hagerstown, Maryland Earth Station KA275

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests an additional 30 days—from October 18, 2015 through November 16, 2015—of the Special Temporary Authority (“STA”)¹ previously granted Intelsat to use its Hagerstown, Maryland C-band earth station—call sign KA275—to provide launch and early orbit phase (“LEOP”) services for Intelsat 34,² telemetry, tracking, and command (“TT&C”) during in-orbit testing (“IOT”) at 51.5° W.L, TT&C during the drift of Intelsat 34, and TT&C at the satellite’s final location at 55.5° W.L.³ Specifically, Intelsat is seeking an extension of STA to continue to conduct TT&C for Intelsat 34 at 55.5° W.L. Intelsat 34 arrived on-station at 55.5° W.L. on October 2, 2015.

The Intelsat 34 operations are being performed using the following frequencies: 6173.7 MHz and 6176.3 MHz in the uplink (LHCP), and 3949.0 MHz, 3949.5 MHz, 3950.5 MHz, and 3951 MHz in the downlink (RHCP). The LEOP operations will be coordinated with all operators of satellites that use the same frequency band and are in the LEOP path.⁴

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.

¹ Intelsat has filed this STA request, an FCC Form 159 and a \$195.00 filing fee electronically via the International Bureau’s Filing System.

² See *Policy Branch Information; Actions Taken*, Report No. SAT-01064, File No. SAT-LOA-20140114-00005 (Jan. 23, 2015) (Public Notice).

³ See *Satellite Communications Services Information; Actions Taken*, Report No. SES-STA-20150911-00582 (Sep. 23, 2015) (Public Notice); *Satellite Communications Services Information; Actions Taken*, Report No. SES-01775, File No. SES-STA-20150717-00460 (Aug. 19, 2015) (Public Notice). Letter from Cynthia J. Grady, Regulatory Counsel for Intelsat Corporation, to Marlene Dortch, FCC, File No. SES-STA-20150717-00460 (filed Aug. 14, 2015).

⁴ Intelsat will continue to handle the coordination.

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Grant of this STA further extension request will allow Intelsat to continue to ensure the safe station-keeping of the Intelsat 34 satellite. This, in turn, will help ensure continuity of service at the 55.5° W.L. orbital location and thereby promotes the public interest.

Please direct any questions regarding this STA further extension request to the undersigned at (703) 559-6949.

Respectfully submitted,



Cynthia J. Grady
Regulatory Counsel
Intelsat Corporation

cc: Paul Blais