



INTELSAT.

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December 19, 2018

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
Mountainside, Maryland Earth Station E140121

Dear Ms. Dortch:

IntelSat License LLC (“IntelSat”) herein requests an additional 30 days of Special Temporary Authority (“STA”),¹ previously granted IntelSat to continue using its Mountainside, Maryland Ku-band earth station—call sign E140121—to provide telemetry, tracking, and command (“TT&C”) services² for IntelSat 9 (Call Sign S2380) during its drift from 29.5° W.L. to 66.15° E.L.³ IntelSat 9 began drifting on May 22, 2018, and the drift is expected to take approximately eight months.

IntelSat has a pending 180-day STA request for TT&C services during IntelSat 9’s drift.⁴

TT&C operations will continue to be performed in the following frequencies: 14.0005 GHz and 14.4945 GHz in the uplink; and 11.7005 GHz and 11.702 GHz in the downlink. The drift operations will continue to be coordinated with all operators of satellites that use the same frequency bands and are in the drift path.⁵ All operators of satellites in that path will be provided with an emergency phone number where the licensee can be reached in the event that harmful interference occurs. In the

¹ IntelSat has filed its STA request, an FCC Form 159, a \$210.00 filing fee, and this supporting letter electronically via the International Bureau’s Filing System (“IBFS”).

² See, e.g. *Satellite Communications Services Information; Actions Taken*, Report No. SES-02122, File No. SES-STA-20181126-03335 (Dec. 12, 2018) (Public Notice); *Satellite Communications Services Information; Actions Taken*, Report No. SES-02110, File No. SES-STA-20181010-03058 (Oct. 31, 2018) (Public Notice).

³ See *Satellite Policy Branch Information; Actions Taken*, Report No. SAT-01332, File No. SAT-MOD-20180305-00019 (July 20, 2018) (Public Notice); *Satellite Policy Branch Information; Actions Taken*, Report No. SAT-01318, File No. SAT-STA-20180509-00041 (May 18, 2018) (Public Notice).

⁴ See *IntelSat License LLC Request for 180-day STA To Use Hagerstown, Maryland Earth Station E140121 to Provide TT&C Services During Drift of IntelSat 9 to 66.15 E.L.*, File No. SES-STA-20180515-00633 (filed May 15, 2018).

⁵ IntelSat will handle the coordination

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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.

The 24x7 contact information is as follows:

Ph.: (703) 559-7701 – East Coast Operations Center (primary)
(310) 525-5591 – West Coast Operations Center (back-up)

Request to speak with Harry Burnham or Kevin Bell.

Grant of this STA further extension request will allow Intelsat to continue drifting Intelsat 9 to its new location. This, in turn, will add additional capacity at the 66.15° E.L. orbital location and thereby promotes the public interest.

For the reasons set forth herein, Intelsat respectfully requests that the Commission grant this STA further extension request. Please direct any questions regarding this STA further extension request to the undersigned at (703) 559-6949.

Respectfully submitted,

/s/ Cynthia J. Grady

Cynthia J. Grady
Senior Counsel
Intelsat US LLC

cc: Paul Blais