

April 10, 2018

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

Re: Request for Special Temporary Authority to Drift Intelsat 5 to 93.2° W.L.  
Call Sign: S2704  
**EXPEDITED TREATMENT REQUESTED**

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests 30 days of expedited Special Temporary Authority (“STA”),<sup>1</sup> commencing upon grant, to drift Intelsat 5 (Call Sign S2704) from 156.9° E.L. to 93.2° W.L. Intelsat is relocating the Intelsat 5 satellite to 93.2° W.L. to temporarily add more capacity at the nominal 93° W.L. location. The drift should take approximately ten weeks.

The Intelsat 5 satellite is currently operating at 156.9° E.L.<sup>2</sup> Subject to receipt of Federal Communications Commission (“FCC” or “Commission”) approval, the satellite will be relocated to 93.2° W.L. There are two other U.S.-licensed satellites – Intelsat 1R and Telkom-2 – currently operating at the nominal 157° E.L. orbital location.<sup>3</sup> Accordingly, the relocation of Intelsat-5 will not result in a disruption of service to customers.

During the drift of the Intelsat 5 satellite from 156.9° E.L. to 93.2° W.L., Intelsat will utilize only the satellite’s telemetry, tracking, and control (“TT&C”) frequencies and will follow industry practices for coordinating TT&C transmission during the relocation process. The specific TT&C frequencies are as follows: 14498 MHz (H) and 13999 MHz (RHCP) in the uplink; and 11451 MHz (H, V, and RHCP), 11452 MHz (H, V, and RHCP), and 11454 MHz (RHCP, and LHCP) in the downlink.

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<sup>1</sup> Intelsat has filed this STA request, an FCC Form 159, and a \$945.00 filing fee electronically via the International Bureau’s Filing System.

<sup>2</sup> See *Policy Branch Information; Actions Taken*, Public Notice, Report No. SAT-01236, File No. SAT-MOD-20170331-00057 (May 5, 2017).

<sup>3</sup> See *Policy Branch Information; Actions Taken*, Public Notice, Report No. SAT-01156, File No. SAT-MOD-20160219-00019 (May 6, 2016) (Public Notice); See *Intelsat License LLC Application for Authority to Operate Telkom-2, an In-Orbit Satellite, at 157.0 E.L.* (stamp grant issued Nov. 30, 2017 by Stephen J. Duall).

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Grant of this STA request will not result in increased risk of harmful interference. As noted above, Intelsat will operate only the above listed TT&C frequencies during the drift, and will coordinate its TT&C transmissions with operators of satellites in the drift path. Should any interference occur during the drift, Intelsat will take all reasonable steps to eliminate such interference.

Grant of this STA request is in the public interest because it will allow Intelsat to provide additional capacity from the 93.2° W.L. orbital location.

For the reasons set forth herein, Intelsat respectfully requests that the Commission expeditiously grant this STA request. Please direct any questions regarding this supplement to the undersigned at (703) 559-7848.

Sincerely,

*/s/ Cynthia J. Grady*

Cynthia J. Grady  
Regulatory Counsel  
Intelsat Corporation

cc: Stephen Duall  
Jay Whaley  
Cindy Spiers