



**INTELSAT.**

*Envision. Connect. Transform.*

November 9, 2018

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

Re: Request for Extension of Special Temporary Authority to Operate a Ku-band Flat-panel Antenna in McLean, Virginia

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests an additional 60 days of Special Temporary Authority (“STA”)<sup>1</sup> previously granted Intelsat to utilize a Ku-band flat-panel antenna located at its McLean, Virginia headquarters<sup>2</sup> to communicate with the Intelsat 29e satellite (S2913) at 50.0° W.L. in order to provide connectivity for the Internet of Things (“IOT”). Intelsat plans to file a permanent license application for this antenna.

The Ku-band flat-panel antenna communication services will continue to be performed in:

14.375-14.4375 GHz (Earth-to-space) and  
12.075-12.220 GHz (space-to-Earth) band.

In further support of this further extension request, Intelsat incorporates by reference Exhibits A and B 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, or into Federal systems operating in the 13.75-14.00 GHz band.

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<sup>1</sup> 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”).

<sup>2</sup> See *Satellite Communications Services Information; Actions Taken*, Report No. SES-02107, File No. SES-STA-20180924-02815 (Oct. 24, 2018) (Public Notice).

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Grant of this STA extension request services the public interest by enabling Intelsat to provide connectivity to the IOT.

Please direct any questions regarding this STA 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