



**INTELSAT.**

*Envision. Connect. Transform.*

May 15, 2019

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 1 meter  
Ku-band Antenna

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 transportable 1 meter Ku-band antenna<sup>2</sup> in the contiguous-lower 48 states to communicate with IntelSat satellites in order to provide customer demonstrations.<sup>3</sup> IntelSat has filed an application seeking permanent authority for this antenna.<sup>4</sup>

The communication services will continue to be performed in the following frequency bands: 14.0-14.5 GHz (Earth-to-space), and 11.7-12.2 GHz (space-to-Earth). The operations will continue to be consistent with IntelSat’s coordination agreements. The 24x7 contact information for the proposed operations is as follows:

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

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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-02148, File No. SES-STA-20190308-00312 (Mar. 27, 2019) (Public Notice).

<sup>3</sup> IntelSat is simultaneously filing an identical STA extension request for the use of a second, identical antenna.

<sup>4</sup> *See Satellite Communications Services; Satellite Radio Applications Accepted for Filing*, Report No. SES-02157, File No. SES-LIC-20190419-00546 (May 1, 2019) (Public Notice).

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Request to speak with Harry Burnham or Kevin Bell.

In support of this extension request, Intelsat incorporates by reference the radiation hazard report submitted as Exhibit A in its original STA request.

Grant of this STA extension request services the public interest by enabling Intelsat to continue providing customer demonstrations for a new service.

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