



**INTELSAT.**

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April 26, 2019

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 Operate a New Remote VSAT Terminal with IntelSat's Ellenwood, Georgia VSAT Hub, Call Sign E050169

Dear Ms. Dortch:

IntelSat License LLC ("IntelSat") herein requests Special Temporary Authority ("STA")<sup>1</sup> for 30 days, commencing May 20, 2019, to temporarily operate a new Ku-band remote VSAT terminal with IntelSat's Ellenwood, Georgia VSAT hub, Call Sign E050169,<sup>2</sup> in order to communicate with Horizons 1<sup>3</sup> (Call Sign S2475) at 127.0° W.L. for a customer demonstration. The VSAT terminal is located Liberty, Washington and the proposed demonstration is expected to take up to 30 days.

The demonstration will be performed in the following frequency bands: 14346.5-14358.0 MHz in the uplink; and 12046.5-12058.0 MHz in the downlink. The proposed operations at 127.0° W.L. will be consistent with IntelSat's coordination agreements for the nominal 127.0° W.L. location. The 24x7 contact information for the Horizons 1 operations are as follows:

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<sup>1</sup> IntelSat has filed this STA request, an FCC Form 159, and a \$210.00 filing fee electronically via the International Bureau's Filing System.

<sup>2</sup> *See Satellite Communications Services Information; Actions Taken*, Report No. SES-00797, File No. SES-MFS-20051221-01780 (Feb. 22, 2006) (Public Notice).

<sup>3</sup> *See Policy Branch Information; Actions Taken*, Report No. SAT-01341, SAT-PPL-20180727-00057 (Aug. 31, 2018) (Public Notice).

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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.

In further support of this request, Intelsat attaches Exhibit A, a Radiation Hazard Report. In the extremely unlikely event that harmful interference should occur due to transmissions to or from its remote terminal, Intelsat will take all reasonable steps to eliminate the interference.

The proposed temporary operation of a new remote VSAT terminal will help demonstrate services to a potential customer. Accordingly, grant of this STA request is in the public interest.

Sincerely,

*/s/ Cynthia J. Grady*

Cynthia J. Grady  
Senior Counsel  
Intelsat US LLC

cc: Paul Blais