

May 4, 2012

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



Re: Request for Special Temporary Authority  
9.2m Ka-band Antenna, Riverside, California

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests Special Temporary Authority (“STA”)<sup>1</sup> for 30 days commencing June 15, 2012 to utilize a 9.2m Ka-band antenna located at its Riverside, CA teleport to provide launch and early orbit phase (“LEOP”) services, as well as provide TT&C services temporarily during the IOT phase, to the EchoStar XVII satellite (f/k/a Jupiter-1 and SPACEWAY-4), which is scheduled to be launched on June 15, 2012.<sup>2</sup>

The EchoStar XVII LEOP operations will be performed in the following frequency bands: 28.351 GHz and 28.353 GHz (uplink) and 19.7005 GHz and 19.7025 GHz (downlink).

The LEOP operations will be coordinated with all operators of satellites that use the same frequency bands and are in the LEOP

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<sup>1</sup> Intelsat has filed its STA request, an FCC Form 159, a \$180.00 filing fee and this supporting letter electronically via the International Bureau’s Filing System (“IBFS”).

<sup>2</sup> EchoStar XVII will be in-orbit tested at 107.1° W.L., which is the satellite’s permanent orbital location. The satellite is licensed by the United Kingdom and has been authorized to serve the United States. See *Policy Branch Information; Actions Taken*, Report No. SAT-00687, File No. SAT-LOI-20091110-00119 (May 7, 2010) (Public Notice). EchoStar recently has applied to license the satellite through the United States. See *Policy Branch Information; Satellite Space Applications Accepted for Filing*, Report No. SAT-00862, File No. SAT-LOA-20120424-00075 (Apr. 27, 2012) (Public Notice).

Ms. Marlene H. Dortch  
May 4, 2012  
Page 2

path.<sup>3</sup> 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.

The 24x7 contact information for the EchoStar XVII LEOP mission is as follows:

Ph.: (202) 944-7701 – East Coast Operations Center (primary)  
(310) 525-5900 – West Coast Operations Center (back-up)  
Request to speak with Harry Burnham or Kevin Bell.

In support of this request, Intelsat is attaching as Exhibits A – D, which include a waiver request, as well as detailed 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 facility. In the extremely unlikely event that harmful interference should occur, Intelsat will take all reasonable steps to eliminate the interference.

In further support of this request, Intelsat notes that for purposes of the EchoStar XVII LEOP mission, it is seeking to operate in the frequencies listed above at the nominal power level of 88 dBW. As noted above, the transmissions proposed herein will be coordinated with potentially affected operators of co-frequency satellites. In the extremely unlikely event that harmful interference should occur, Intelsat will take all reasonable steps to eliminate the interference.

Grant of this STA request will enable Intelsat to help launch the EchoStar XVII satellite. This will serve the public interest by providing additional broadband service to consumers in the United States.

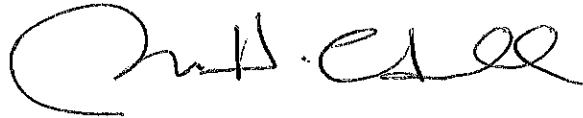
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<sup>3</sup> Space Systems Loral, the manufacturer of the EchoStar XVII satellite and the manager of its LEOP mission, will do the coordination.

Ms. Marlene H. Dortch  
May 4, 2012  
Page 3

Please direct any questions regarding this STA request to the undersigned at (202) 944-7848.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Susan H. Crandall". The signature is fluid and cursive, with a large initial "S" and "C".

Susan H. Crandall  
Assistant General Counsel  
Intelsat Corporation

cc: Paul Blais