

November 3, 2014

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 December 4, 2014 to utilize a 9.2m Ka-band antenna located at its Riverside, CA teleport to provide launch and early orbit phase (“LEOP”) services to the DIRECTV-14 satellite, which is scheduled to be launched on December 4, 2014.<sup>2</sup>

The DIRECTV-14 LEOP operations will be performed in the following frequency bands: 28.351 GHz and 28.353 GHz in the uplink (LHCP), and 18.7995 GHz and 18.799 GHz in the downlink (LHCP).

The LEOP operations will be coordinated with all operators of satellites that use the same frequency bands and are in the LEOP 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 DIRECTV-14 LEOP mission is as follows:

Ph.: (703) 559-7701 – East Coast Operations Center (primary)  
(310) 525-5900 – West Coast Operations Center (back-up)

Request to speak with Harry Burnham or Kevin Bell.

In further support of this request, Intelsat hereby attaches Exhibit A, which contains technical information that demonstrates that the operation of the earth station will be compatible with its

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<sup>1</sup> Intelsat has filed its STA request, an FCC Form 159, a \$195.00 filing fee and this supporting letter electronically via the International Bureau’s Filing System (“IBFS”).

<sup>2</sup> DIRECTV-14 will be in-orbit tested at 76.0° W.L. and the satellite’s permanent orbital location will be 99.235° W.L. The satellite is licensed by the United States. *See Policy Branch Information; Actions Taken*, Report No. SAT-00917, File No. SAT-LOA-20120518-00085 (Dec. 7, 2012) (Public Notice).

<sup>3</sup> Space Systems Loral, the manufacturer of the DIRECTV-14 satellite and the manager of its LEOP mission, will do the coordination.

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electromagnetic environment and will not cause harmful interference into any lawfully operating terrestrial facility. In the extremely unlikely event that harmful interference should occur due to transmissions to or from its earth station, Intelsat will take all reasonable steps to eliminate the interference. Intelsat also notes that for purposes of the DIRECTV-14 LEOP mission, it is seeking to operate in the frequencies listed in this request at power levels not to exceed 26.0 dBW.

Grant of this STA request will enable Intelsat to help launch the DIRECTV-14 satellite. This will serve the public interest by providing additional service to consumers in the United States.

Please direct any questions regarding this STA request to the undersigned at (703) 559-6949.

Respectfully submitted,

A handwritten signature in blue ink that reads "Cynthia J. Grady". The signature is written in a cursive, flowing style.

Cynthia J. Grady  
Regulatory Counsel  
Intelsat Corporation

cc: Paul Blais