

September 16, 2011

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  
Fillmore, California Earth Station E4132

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests a grant of Special Temporary Authority (“STA”)<sup>1</sup> for 30 days, from October 4, 2011 through November 2, 2011, to use its Fillmore, California earth station -- call sign E4132 -- to provide launch and early orbit phase (“LEOP”) services for the Intelsat 18 satellite that is expected to be launched on October 4, 2011.<sup>2</sup> The LEOP period is expected to last approximately ten days.<sup>3</sup>

The Intelsat 18 LEOP operations will be performed in the following frequency bands:

- 6173.7 MHz and 6176.3 MHz (LHCP) in the uplink, and
- 3947.5 MHz and 3952.5 MHz (RHCP) in the downlink

The LEOP operations will be coordinated with all operators of satellites that use the same frequency bands and are in the LEOP path. 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 Intelsat 18 LEOP mission is as follows:

Ph.: (202) 944-7701 – East Coast Operations Center (primary)

<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> The satellite’s final orbital location will be 180.0° E.L. *See Policy Branch Information; Satellite Space Authorizations Accepted for Filing*, Report No. SAT-00796, File No. SAT-LOA-20101014-00219 (July 29, 2011) (Public Notice). The satellite will be in-orbit tested at 176.0° E.L. *See Intelsat License LLC Request for Special Temporary Authority*, File No. SAT-STA-20110915-00182 (filed Sept. 15, 2011).

<sup>3</sup> Intelsat is seeking authority through November 2, 2011 to accommodate a possible launch delay.

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(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 is attaching Exhibit A, which contains technical information concerning the Intelsat 18 LEOP operations. Intelsat notes that for purposes of the Intelsat 18 LEOP mission, it is seeking to operate in the frequencies listed in the request at power levels not to exceed 26.5 dBW. The technical information submitted with the STA request reflects a higher power level of 34.2 dBW because that is the level at which Intelsat might operate in the event an emergency necessitates the use of a higher power level in order to command the satellite. 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.

Grant of this STA request will allow Intelsat to help launch the Intelsat 18 satellite to the 180.0° E.L. location. This, in turn, will help ensure continuity of service to customers at that location, thereby promoting the public interest.

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

Respectfully submitted,



Susan H. Crandall  
Assistant General Counsel  
Intelsat Corporation

Cc: Paul Blais