

August 5, 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 August 26, 2011 through September 24, 2011, to use its Fillmore, California C-band earth station -- call sign E4132 -- to provide launch and early orbit phase (“LEOP”) services to the SES-2 satellite that is expected to be launched on August 26, 2011.<sup>2</sup> The LEOP period is expected to last approximately 10 days.<sup>3</sup>

The SES-2 LEOP operations will be performed in the following frequency bands: 6423.5 MHz (LHCP) (uplink); and 3700.5 MHz and 4199.5 MHz (RHCP) (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 SES-2 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.

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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> The permanent orbital location for SES-2 is 87.0° W.L. *See Policy Branch Information; Satellite Space Applications Accepted for Filing*, Report No. SAT-00788, File No. SAT-RPL-20110429-00082 and SAT-AMD-20110613-00107 (June 24, 2011) (Public Notice). The satellite will undergo in-orbit testing at 77.25° W.L.

<sup>3</sup> Intelsat is seeking authority through September 24, 2011 to accommodate a possible launch delay.


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In further support of this request, Intelsat is attaching Exhibit A, which contains 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 terrestrial facility. Intelsat notes that although it has coordinated a power level of 34.2 dBW, it expects to operate within the 26.5 dBW maximum level permitted by the FCC. A higher power level will only be used in case of emergency. 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 enable Intelsat to help launch the SES-2 satellite. This will serve the public interest by ensuring continuity of service at the satellite's permanent location of 87.0° W.L.

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