

February 8, 2012

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 starting March 21, 2012 to use its Fillmore, California C-band earth station -- call sign E4132 -- to provide launch and early orbit phase (“LEOP”) services to the Intelsat 22 satellite that is expected to be launched on March 21, 2012.<sup>2</sup> The LEOP period is expected to last approximately 10 days.<sup>3</sup>

The Intelsat 22 LEOP operations will be performed in the following frequency bands:

5850.5 MHz and 6424.5 MHz (uplink) (LHCP/H); and  
4197.25 MHz, 4197.75 MHz, 4198.25 MHz, and 4198.75 MHz (downlink)  
(LHCP/V)

The LEOP operations will be coordinated with all operators of satellites that use the same frequency bands and are in the LEOP path.<sup>4</sup> All operators of

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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 satellite’s permanent orbital location will be 72.1° E.L. *See Policy Branch Information; Satellite Space Application Accepted for Filing*, Report No. SAT-00835, File No. SAT-LOA-20110929-00193 (Jan. 13, 2012) (Public Notice). Intelsat 22’s C- and Ku-band payloads will be in-orbit tested at 63.1° E.L. and its UHF payload will be tested at 72.1° E.L. *See Intelsat License LLC Request for Special Temporary Authority*, File No. SAT-STA-20120126-00013 (filed Jan. 26, 2012).

<sup>3</sup> Intelsat is seeking authority for 30 days to accommodate a possible launch delay.

<sup>4</sup> Boeing Satellite Systems, Inc., which is the LEOP mission manager for Intelsat 22, will handle the coordination.

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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 22 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 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. 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 Intelsat 22 satellite. This will serve the public interest by providing replacement and new capacity at the satellite's permanent location of 72.1° E.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