

August 2, 2011

Ms. Marlene H. Dortch
Secretary
Federal Communications Commission
445 12th 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”)¹ for 30 days, from August 17, 2011 through September 15, 2011, to use its Fillmore, California C-band earth station -- call sign E4132 -- to provide launch and early orbit phase (“LEOP”) services to the Express-AM4 satellite that is expected to be launched on August 17, 2011.² The LEOP period is expected to last approximately 10 days.³

The Express-AM4 LEOP operations will be performed in the following frequency bands:

6535.0 MHz (uplink) (RHCP for TC1 and LHCP for TC2); and
4199.5 MHz (downlink) (LHCP for TM1 and RHCP for TM2)

The LEOP operations will be coordinated with all operators of satellites that use the same frequency bands and are in the LEOP path.⁴ 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 Express-AM4 LEOP mission is as follows:

¹ 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”).

² Express-AM4 will be in-orbit tested at the satellite’s permanent orbital location of 80.0° E.L.

³ Intelsat is seeking authority through September 15, 2011 to accommodate a possible launch delay.

⁴ Inmarsat, which is the LEOP mission manager for Express-AM4, will handle the coordination.

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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 to this request, Intelsat is attaching Exhibits A and B, which contain a waiver request, as well as 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 Express-AM4 satellite. This will serve the public interest by providing new capacity at the satellite's permanent location of 80.0° 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