

December 10, 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  
Riverside, California Earth Station E040125

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests a grant of Special Temporary Authority (“STA”)<sup>1</sup> for 30 days, from December 27, 2012 through January 25, 2013, to use its C-band earth station E040125 located in Riverside, California to provide launch and early orbit phase (“LEOP”) services for the Satmex 8 satellite that is expected to be launched on December 27, 2013.<sup>2</sup> The LEOP period is expected to last approximately 10 days.<sup>3</sup>

The Satmex 8 LEOP operations will be performed in the following frequency bands: 5926.5 MHz and 6424.5 MHz (LHCP) (uplink), and 4198.6 MHz and 4199.4 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 Satmex 8 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> Satélites Mexicanos, S.A. de C.V., the operator of Satmex 8, has requested U.S. market access for the satellite. *See Policy Branch Information; Satellite Space Applications Accepted for Filing*, Report No. SAT-00899, File No. SAT-PPL-20120823-00140 (Sept. 21, 2012) (Public Notice). The permanent orbital location for Satmex 8 will be 116.8° W.L. The satellite will be in-orbit tested at 114.9° W.L.

<sup>3</sup> Intelsat is seeking authority through January 25, 2013 to accommodate a possible launch delay.

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In further support of 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.

Intelsat also notes that for purposes of the Satmex 8 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 power level as high as 29.1 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.

Grant of this STA request will allow Intelsat to help launch the Satmex 8 satellite. This, in turn, will help ensure continuity of existing services at the 116.8° W.L. location, and thereby promotes 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