

July 17, 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  
Hagerstown, Maryland Earth Station E000296

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests a grant of Special Temporary Authority (“STA”)<sup>1</sup> for 30 days, from August 2, 2012 through August 31, 2012, to use its Hagerstown, Maryland C-band earth station -- call sign E000296 -- to provide launch and early orbit phase (“LEOP”) services for the Hylas 2 satellite that is expected to be launched on August 2, 2012.<sup>2</sup> The LEOP period is expected to last approximately 10 days.<sup>3</sup>

The Hylas 2 LEOP operations will be performed in the following frequency bands:

Uplink: 6723.75 MHz and 7026.25 MHz (LHCP); and  
Downlink: 4198.0 MHz and 4199.0 MHz (RHCP)

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 Hylas 2 LEOP mission is as follows:

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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> It is Intelsat’s understanding that the satellite’s permanent orbital location will be between 30.0° and 66.0° E.L. It will be in-orbit tested at 31.0° E.L.

<sup>3</sup> Intelsat is seeking authority through August 31, 2012 to accommodate a possible launch delay.

Ms. Marlene H. Dortch  
July 17, 2012  
Page 2

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 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 Hylas 2 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 33.3 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 Hylas 2 satellite. This, in turn, will serve the public interest by ensuring that it can bring additional capacity to Europe, the Middle East, and Africa.

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