

September 24, 2010

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  
Clarksburg, Maryland Earth Station KA275

Dear Ms. Dortch:

Intelsat North America LLC ("Intelsat") herein requests a grant of Special Temporary Authority ("STA")<sup>1</sup> for 30 days, from November 24, 2010 through December 23, 2010, to use its Clarksburg, Maryland C-band earth station -- call sign KA275 -- to provide launch and early orbit phase ("LEOP") services for the Intelsat 17 satellite that is expected to be launched as early as November 24, 2010.<sup>2</sup> The LEOP period is expected to last approximately 10 days.<sup>3</sup>

The Intelsat 17 LEOP operations will be performed in the following frequency bands:

- 6173.7 MHz and 6176.3 MHz (LHCP) in the uplink; and
- 3947.5 MHz and 3952.5 MHz (RHCP) in the 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 Intelsat 17 LEOP mission is as follows:

Robert Main  
Ph.: (202) 944-7701

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<sup>1</sup> Intelsat has filed its STA request, an FCC Form 159, a \$175.00 filing fee and this supporting letter electronically via the International Bureau's Filing System ("IBFS").

<sup>2</sup> The permanent orbital location for Intelsat 17 is 66.0° E.L. *See Policy Branch Information; Satellite Space Authorizations Accepted for Filing*, Report No. SAT-00714, File No. SAT-LOA-20100726-00167 (Aug. 27, 2010).

<sup>3</sup> Intelsat is seeking authority through December 23, 2010 to accommodate a possible launch delay.

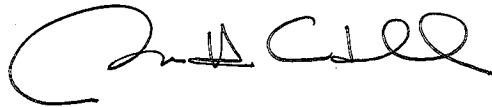
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In further support of this request, Intelsat is attaching Exhibit A, which contains technical information that demonstrates that the operation of the earth station will be compatible with its electromagnetic environment and will not cause harmful interference into any lawfully operating terrestrial facility. Intelsat notes that for purposes of the Intelsat 17 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 34.4 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. 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 allow Intelsat to help launch the Intelsat 17 satellite to the 66.0° E.L. location. This, in turn, will ensure continuity of service at that location, thereby promoting 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  
Jeanette Spriggs