

December 2, 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  
Castle Rock, Colorado Earth Station KL92

Dear Ms. Dortch:

PanAmSat Licensee Corp. ("PanAmSat") herein requests a grant of Special Temporary Authority ("STA")<sup>1</sup> for 30 days, from December 21, 2010 through January 19, 2011, to use its Castle Rock, Colorado Ku-band earth station -- call sign KL92 -- to provide launch and early orbit phase ("LEOP") services for the KoreaSat 6 satellite that is expected to be launched on December 21, 2010.<sup>2</sup> The LEOP period is expected to last approximately 10 days.<sup>3</sup>

The KoreaSat 6 LEOP operations will be performed in the following frequency bands: 14001.5 MHz and 14495.0 MHz (uplink) and 12251.5 MHz and 12748.5 MHz (downlink). 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> This coordination includes relevant FSS satellites up-linking in the 14-14.5 GHz and 12.7-12.75 GHz frequency ranges, as well as relevant BSS satellites down-linking in the 12.2-12.7 GHz frequency range. 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 KoreaSat 6 LEOP mission is as follows:

Harry Burnham or Mike Munion  
Ph.: (202) 944-7701

<sup>1</sup> PanAmSat 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 KoreaSat 6 will be 116.0° E.L.

<sup>3</sup> PanAmSat is seeking authority through January 19, 2011 to accommodate a possible launch delay.

<sup>4</sup> Orbital Sciences Corp., which is managing the KoreaSat 6 launch mission, is handling the coordination.

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In further support of this request, PanAmSat is attaching Exhibits A and B, which contain waiver requests, 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, PanAmSat will take all reasonable steps to eliminate the interference.

Grant of this STA request will allow PanAmSat to help launch the KoreaSat 6 satellite to the 116.0° E.L. location. This, in turn, will help provide Ku-band capacity to Korea from that location, and thereby promote 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