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:

Intelsat License LLC ("Intelsat") herein requests a grant of Special Temporary Authority ("STA")<sup>1</sup> for 30 days commencing March 18, 2013 to use its Castle Rock, Colorado Ku-band earth station -- call sign KL92 -- to provide launch and early orbit phase ("LEOP") services for the Anik-G1 satellite that is expected to be launched on March 18, 2013.<sup>2</sup> The LEOP period is expected to last approximately five days.<sup>3</sup>

The Anik-G1 LEOP operations will be performed in the following frequency bands: 14495.25 MHz and 14497.25 MHz (uplink, RHCP) and 11701.75 MHz and 11702.75 MHz (downlink, RHCP).

The Anik-G1 satellite is licensed by the Administration of Canada. To the extent necessary, Intelsat includes herewith as Exhibit A a waiver request for limited authority for its KL92 earth station to communicate with a foreign-licensed satellite.

Intelsat does not seek protection for its KL92 earth station with respect to receive operations in the 11701.75 MHz and 11702.75 MHz frequencies. To the extent necessary, Intelsat includes herewith as Exhibit B a waiver request regarding the requirement in footnote NG104 of the FCC's rules limiting use of these frequencies to international services.

The uplink EIRP for transmissions in the 14495.25 MHz and 14497.25 MHz frequencies is not expected to exceed 92 dBW. The LEOP operations will be coordinated with all operators of satellites that use the same frequency bands

<sup>&</sup>lt;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>&</sup>lt;sup>2</sup> The permanent orbital location for Anik-G1 will be 107.3° W.L. The satellite will be in-orbit tested at 109.2° W.L.

<sup>&</sup>lt;sup>3</sup> Intelsat is seeking authority for 30 days to accommodate a possible launch delay.

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and are in the LEOP path.<sup>4</sup> As such, there would be no risk of interference with respect to lawfully operating, co-frequency radiocommunication facilities. Nevertheless, 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. 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.

The 24x7 contact information for the Anik-G1 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.

Grant of this STA request will allow Intelsat to help launch the Anik-G1 satellite to the 107.3° W.L. location. This, in turn, will help provide additional capacity at 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

<sup>&</sup>lt;sup>4</sup> Space Systems Loral, which is managing the Anik-G1 launch mission, is handling the coordination.