

July 11, 2012

Ms. Marlene H. Dortch  
Secretary  
Federal Communications Commission  
445 12<sup>th</sup> Street, S.W.  
Washington, D.C. 20554



Re: Request for Extension of Special Temporary Authority  
Castle Rock, Colorado Earth Station KL92

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests a 30-day extension -- from July 15, 2012 through August 13, 2012 -- of the Special Temporary Authority (“STA”)<sup>1</sup> previously granted Intelsat to use its Castle Rock, Colorado Ku-band earth station -- call sign KL92 -- to provide launch and early orbit phase (“LEOP”) services for the SES-5 satellite that was launched on July 9, 2012.<sup>2</sup> The LEOP period is expected to last approximately 10 days.<sup>3</sup>

The SES-5 LEOP operations will continue to be performed in the following frequency bands: 14250.5 MHz and 14499.5 MHz (uplink, RHCP) and 11700.25 MHz, 11698.25 MHz, 11703.3 MHz and 11699.875 MHz (downlink, R/LHCP).

The SES-5 satellite is licensed by the Administration of Sweden. In support of this extension request, Intelsat incorporates by reference Exhibits A and B, which were submitted with its original STA request. Specifically Exhibit A is a waiver request for limited authority for its KL92 earth station to communicate with a foreign-licensed satellite and Exhibit B is a waiver request regarding the requirement in footnote NG104 of the FCC’s rules limiting use of these frequencies to international services.

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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> See *Satellite Communications Services Information; Actions Taken*, Report No. SES-01459, File No. SES-STA-20120523-00469 (June 20, 2012) (Public Notice). The permanent orbital location for SES-5 will be 5.0° E.L. The satellite will be in-orbit tested at 5.2° E.L.

<sup>3</sup> Intelsat is seeking authority through August 13, 2012 to accommodate unexpected delays.

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Intelsat does not seek protection for its KL92 earth station with respect to receive operations in the 11700.25 MHz, 11698.25 MHz, 11703.3 MHz and 11699.875 MHz frequencies.

The uplink EIRP for transmissions in the 14250.5 MHz and 14499.5 MHz frequencies is not expected to exceed 88 dBW. This level is within the parameters of the KL92 permanent license.

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> 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 SES-5 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 extension request will allow Intelsat to help launch the SES-5 satellite to the 5.0° E.L. location. This, in turn, will help provide continuity of service at that location, and thereby promote the public interest.

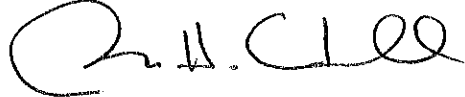
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<sup>4</sup> Space Systems Loral, which is managing the SES-5 launch mission, is handling the coordination.

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Please direct any questions regarding this STA request to the  
undersigned at (202) 944-7848.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "S. H. Crandall". The signature is fluid and cursive, with the first letter of each word being capitalized and prominent.

Susan H. Crandall  
Assistant General Counsel  
Intelsat Corporation

Cc: Paul Blais