

November 12, 2014

Ms. Marlene H. Dortch  
Secretary  
Federal Communications Commission  
445 12th 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 an additional 30 days—from November 16, 2014 through December 15, 2014—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 Intelsat 30, which was launched on October 16, 2014.<sup>2</sup> Intelsat also requests extension of its STA to provide telemetry, tracking, and control (“TT&C”) services at the in-orbit testing (“IOT”) location, 132.0° W.L., and to drift the satellite from the IOT location to Intelsat 30’s final location at 95.05° W.L. Finally, Intelsat requests that this STA extension include the ability to continue providing TT&C services to Intelsat 30 at its permanent location of 95.05° W.L. Intelsat has a pending application to permanently modify the antenna’s license for this on-station TT&C.<sup>3</sup>

Intelsat 30 has completed IOT at 132.0° W.L. and is currently drifting to 95.05° W.L. The satellite is expected to be on-station at 95.05° W.L. on or around November 21, 2014.

The Intelsat 30 operations will continue to be performed using the following frequencies: 13750.50 MHz and 14003.50 MHz in the uplink (LHCP), and 11198.00 MHz, 11198.50 MHz, 11199.25 MHz, and 11199.75 MHz in the downlink (RHCP). Intelsat will continue to coordinate with all operators of satellites that use the same frequency bands and are in the LEOP path, the drift path, or are potentially affected by these operations at the 95.05° W.L. location.<sup>4</sup> All operators of potentially affected satellites will be provided with an emergency phone number where the licensee can be reached in the event that harmful interference occurs.

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<sup>1</sup> Intelsat has filed its STA request, an FCC Form 159, a \$195.00 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-01691, File No. SES-STA-20140917-00735 (Oct. 15, 2014) (Public Notice).

<sup>3</sup> See *Intelsat License LLC Request for Modification of Earth Station KL92*, File No. SES-MOD-20141030-00834 (filed October 30, 2014).

<sup>4</sup> Intelsat will continue to handle the coordination.

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The 24x7 contact information for the Intelsat 30 mission is as follows:

Ph.: (703) 559-7701 – East Coast Operations Center (primary)  
(310) 525-5591 – West Coast Operations Center (back-up)

Request to speak with Harry Burnham or Kevin Bell.

In further support of this request, Intelsat incorporates by reference the Exhibit A, submitted with its original STA request, 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. 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 Intelsat 30 mission, it is seeking to operate in the frequencies listed in this request at power levels not to exceed 28.0 dBW.

Grant of this STA extension request will allow Intelsat to complete the Intelsat 30 launch mission and to ensure safe station-keeping of the satellite. This, in turn, will help ensure continuity of service at the 95.05° W.L. orbital location and thereby promotes the public interest.

Please direct any questions regarding this STA request to the undersigned at (703) 559-7848.

Respectfully submitted,



Susan H. Crandall  
Associate General Counsel  
Intelsat Corporation

cc: Paul Blais