

February 12, 2014

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 13, 2014, to use its Castle Rock, Colorado Ku-band earth station -- call sign KL92 -- to provide launch and early orbit phase (“LEOP”) services for the Amazonas-4A satellite that is now expected to be launched on March 13, 2014.<sup>2</sup> The LEOP period is expected to last approximately ten days.<sup>3</sup> The Amazonas-4A satellite was initially expected to launch on December 6, 2013. The Commission previously granted STA to Intelsat for Amazonas-4A LEOP operations, which initial grant expired on January 5, 2014.<sup>4</sup>

The Amazonas-4A LEOP operations will be performed in the following frequency bands: 14001.0 MHz and 14498.0 MHz in the uplink (LHCP), and 12202.0 MHz and 12698.0 MHz in the downlink (RHCP). 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 Amazonas-4A LEOP mission is as follows:

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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> The permanent orbital location for Amazonas-4A, which Intelsat understands is licensed by the Brazil, will be 61.0° W.L. The in-orbit testing location will be 51.0° W.L.

<sup>3</sup> Intelsat is seeking authority for 30 days to accommodate possible further launch delays.

<sup>4</sup> See *Satellite Communications Services Information; Actions Taken*, Report No. SES-01605, File No. SES-STA-20131108-00960 (Dec. 12, 2013) (Public Notice).

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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.

In addition, Intelsat attaches Exhibit A, which contains waiver requests. 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 Amazonas-4A LEOP mission, it is seeking to operate in the frequencies listed in the request at power levels not to exceed 25.5 dBW.

Finally, Intelsat clarifies that during the Amazonas-4A launch, the spacecraft will be controlled by Orbital Sciences, which is the manager of the LEOP mission. Orbital Sciences will build and send the commands to the Intelsat antenna, which will process and execute the commands. Telemetry received by Intelsat will be forwarded to Orbital Sciences. Intelsat will remain in control of the baseband unit, RF equipment and antenna.

Grant of this STA request will allow Intelsat to help launch the Amazonas-4A satellite. This, in turn, will help ensure continuity of service at the 61.0° W.L. orbital location and thereby promotes the public interest.

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

Respectfully submitted,



Susan H. Crandall  
Associate General Counsel  
Intelsat Corporation

cc: Paul Blais