

January 24, 2014

Ms. Marlene H. Dortch
Secretary
Federal Communications Commission
445 12th 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”)¹ for 30 days, commencing February 14, 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 TurkSat-4A satellite that is expected to be launched on February 14, 2014.² The LEOP period is expected to last approximately ten days.³

The TurkSat-4A LEOP operations will be performed in the following frequency bands: 13998.0 MHz (LHCP), 14000.0 MHz (LHCP), and 14418.0 MHz (RHCP) in the uplink, and 12498.5MHz (RHCP) and 12499.5 MHz (RHCP) in the downlink.⁴ 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 TurkSat-4A LEOP mission is as follows:

Ph.: (202) 944-7701 – East Coast Operations Center (primary)

¹ 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”).

² The permanent orbital location for TurkSat-4A will be 42.0° E.L. The in-orbit testing location will be 50° E.L. It is Intelsat’s understanding that the TurkSat-4A satellite will be licensed by Turkey.

³ Intelsat is seeking authority for 30 days to accommodate possible launch delays.

⁴ The telemetry frequencies of 12498.5 and 12499.5 MHz are BSS frequencies in ITU Regions 1 and 2. TurkSat-4A’s permanent orbital location is in ITU Region 1, where it will reportedly offer Broadcasting-Satellite Services.

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(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 a waiver request. 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 TurkSat-4A LEOP mission, it intends generally to operate in the frequencies listed in the request at power levels not to exceed 26.5 dBW.

Finally, Intelsat clarifies that during the TurkSat-4A launch, the spacecraft will be controlled by Telesat, which is the manager of the LEOP mission. Telesat 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 Telesat. 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 TurkSat-4A satellite. This, in turn, will help ensure continuity of service at the 42.0° E.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