

July 20, 2012

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 August 12, 2012, to use its Castle Rock, Colorado Ku-band earth station -- call sign KL92 -- to provide launch and early orbit phase (“LEOP”) services for the Intelsat 21 satellite that currently is expected to be launched on or about August 16, 2012.² The LEOP period is expected to last approximately 15 days.³

The Intelsat 21 LEOP operations will be performed in the following frequency bands: 13994.5 MHz (H) and 13750.5 MHz (LHCP) in the uplink, and 11451.25 MHz, 11451.75 MHz, 11453.25 MHz, and 11453.75 MHz in the downlink (LHCP/V). The maximum uplink EIRP transmitted during the LEOP operations will be 85 dBW, with an emission designator of 800KF2D. The LEOP operations will be coordinated with all operators of satellites that use the same frequency bands and are in the LEOP path. 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.

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 of the Intelsat 21 satellite will be 58.0° W.L. *See Policy Branch Information; Actions Taken*, Report No. SAT-00882, File No. SAT-RPL-20120326-00061 (July 13, 2012) (Public Notice). The in-orbit testing location will be 51.3° W.L. *See Intelsat License LLC Request for Special Temporary Authority*, File No. SAT-STA-20120711-00114 (filed July 11, 2012).

³ Intelsat is seeking authority starting August 12, 2012 for 30 days in order to accommodate a possible shift in the launch schedule.

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The 24x7 contact information for the Intelsat 21 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.

In addition, Intelsat attaches Exhibit A, which addresses use of the 13994.5 MHz and 13750.5 MHz frequency bands. The above information indicates 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 or government 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.

Grant of this STA request will allow Intelsat to help launch the Intelsat 21 satellite to the 58.0° W.L. location. This, in turn, will help ensure continuity of service at that 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
Assistant General Counsel
Intelsat Corporation

cc: Paul Blais