

August 31, 2017

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 September 27, 2017, 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-11 satellite.² SES-11 is expected to be launched no earlier than September 27, 2017.³ Intelsat expects the LEOP period to last approximately 10 days.⁴

The SES-11 LEOP operations will be performed at the following frequencies: 14003.5 MHz, 14000.50 MHz, 14497.5 MHz, and 14499.5 MHz (CP) in the uplink; and 11703.0 MHz and 12198.5 MHz (CP) in the downlink. The LEOP operations will be coordinated with all operators of satellites that use the same frequency bands and are in the LEOP path.⁵ 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 SES-11 LEOP mission is as follows:

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

¹ Intelsat has filed its STA request, an FCC Form 159, a \$200.00 filing fee, and this supporting letter electronically via the International Bureau’s Filing System (“IBFS”).

² See *Policy Branch Information; Actions Taken*, Report No. SAT-01203, File No. SAT-PPL-20160512-00048 (Dec. 13, 2016) (Public Notice). SES-11 is also known as EchoStar-105.

³ The in-orbit testing location for SES-11 will be 142.0° W.L. The final location of SES-11 will be 104.95° W.L.

⁴ Intelsat is seeking 30 days of STA to accommodate potential launch delays.

⁵ Airbus, the manager of the SES-11 LEOP mission, will handle the coordination.

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Request to speak with Harry Burnham or Kevin Bell.

In further support of this request, Intelsat herewith attaches a waiver request as Exhibit A. 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.

Finally, Intelsat clarifies that during the SES-11 LEOP mission, Airbus will serve as the mission manager. Airbus 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 Airbus. Intelsat will perform the ranging sessions by sending a tone to the spacecraft periodically. 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 SES-11 satellite. This, in turn, will help provide additional capacity from the 104.95° W.L. orbital location and thereby promotes the public interest.

Please direct any questions regarding this STA request to the undersigned at (703) 559-6949.

Respectfully submitted,

/s/ Cynthia J. Grady

Cynthia J. Grady
Regulatory Counsel
Intelsat Corporation

cc: Paul Blais