

September 12, 2017

Ms. Marlene H. Dortch
Secretary
Federal Communications Commission
445 12th Street, S.W.
Washington, D.C. 20554

Re: Request for Special Temporary Authority
Fillmore, California Earth Station E4132

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests a grant of Special Temporary Authority (“STA”)¹ for 30 days, commencing September 28, 2017, to use its Fillmore, California C-band earth station—call sign E4132—to provide launch and early orbit phase (“LEOP”) services for the AsiaSat-9 satellite. AsiaSat-9 is expected to be launched on September 28, 2017.² Intelsat expects the LEOP period to last approximately 30 days.

The AsiaSat-9 LEOP operations will be performed at the following frequencies: 6430.0 MHz and 6432.0 MHz (RHCP or V) in the uplink; and 4198.65 MHz and 4199.65 MHz (LHCP or H) 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.³ 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 AsiaSat-9 LEOP 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 herewith attaches Exhibit A and B, the Prior Coordination Notice and a waiver request. Intelsat will provide technical information demonstrating that the operation of the earth station will be compatible with its electromagnetic environment and will not cause

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 The permanent orbital location for AsiaSat-9, which Intelsat understands is licensed by China, will be at 122.1° E.L. The in-orbit testing location will be 71.0° E.L.

³ SSL, the manager of the AsiaSat-9 LEOP mission, will handle the coordination.

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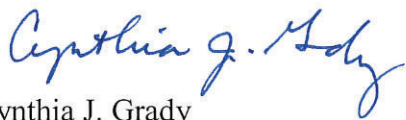
harmful interference into any lawfully operating terrestrial facility prior to launch. In the extremely unlikely event that harmful interference should occur due to transmissions to or from its earth station, Intelsat will take all reasonable steps to eliminate the interference.

Finally, Intelsat clarifies that during the AsiaSat-9 LEOP mission, SSL will serve as the mission manager. SSL 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 AsiaSat-9 satellite. This, in turn, will help provide additional capacity from the 122.1° E.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,



Cynthia J. Grady
Regulatory Counsel
Intelsat Corporation

cc: Paul Blais