

July 17, 2015

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

Re: Request for Special Temporary Authority
Hagerstown, Maryland Earth Station KA258

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests a grant of Special Temporary Authority (“STA”)¹ for 30 days, commencing August 18, 2015, to use its Hagerstown, Maryland Ku-band earth station—call sign KA258—to provide launch and early orbit phase (“LEOP”) services for the Eutelsat-8WB satellite. Eutelsat-8WB is expected to be launched on August 18, 2015.² The LEOP period is expected to last approximately 10 days.³

The Eutelsat-8WB LEOP operations will be performed in the following frequencies: 14250.0 MHz and 14499.8 MHz (LHCP) in the uplink, and 11199.5 MHz, 11200.5 MHz, 12500.5 MHz, and 12501.0 MHz (LHCP) 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.⁴ 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 Eutelsat-8WB 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 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.

¹ Intelsat has filed its STA request, an FCC Form 159, a \$195.00 filing fee, and this supporting letter electronically via the International Bureau’s Filing System (“IBFS”).

² The permanent orbital location for Eutelsat-8WB, which Intelsat understands is licensed by France, will be at 1.7° E.L. The in-orbit testing location will be 8.0° W.L.

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

⁴ Thales Alenia, the manager of the Eutelsat-8WB mission, will handle the coordination.

Ms. Marlene H. Dortch
July 17, 2015
Page 2

Finally, Intelsat clarifies that during the Eutelsat-8WB LEOP mission, Thales Alenia will serve as the mission manager. Thales Alenia 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 Thales Alenia. 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 Eutelsat-8WB satellite. This, in turn, will help provide new services at the 8.0° 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,

A handwritten signature in blue ink that reads "Cynthia J. Grady". The signature is written in a cursive, flowing style.

Cynthia J. Grady
Regulatory Counsel
Intelsat Corporation

cc: Paul Blais