

January 27, 2010

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



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

Dear Ms. Dortch:

Intelsat North America LLC ("Intelsat") herein requests a grant of Special Temporary Authority ("STA")¹ for 30 days, from March 1, 2010 through March 30, 2010 to use its Clarksburg, Maryland Ku-band earth station -- call sign KA258 -- to provide telemetry, tracking and command ("TT&C") services for the Intelsat 16 satellite at its permanent location of 58.10° W.L. Intelsat intends shortly to file an application to modify the KA258 license to add 58.10° W.L. as a point of communication.

Intelsat 16 is expected to be launched on February 11, 2010. After in-orbit testing, Intelsat 16 will be placed at its permanent location of 58.10° W.L.²

The Intelsat 16 TT&C operations will be performed at 58.10° W.L. in the following frequency bands: 13997.5 MHz and 14499.5 MHz in the uplink and 12198.25 MHz and 12198.75 MHz in the downlink. At 58.10° W.L., Intelsat will operate the TT&C transmissions in conformance with its coordination agreements for the nominal 58.0° W.L. location, as well as with the FCC's rules designed to allow co-frequency operations in a two-degree separation environment.

Operations in the 14499.5 MHz, 12198.25 MHz and 12198.75 MHz frequencies will be consistent with the antenna's licensed parameters. With respect to operations in the 13997.5 MHz frequency, Intelsat is attaching Exhibit A, which contains technical information that demonstrates that the operation of the earth station will be compatible with its electromagnetic environment and will not cause harmful interference into any lawfully

¹ Intelsat has filed its STA request, an FCC Form 159, a \$175.00 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-00610, File No. SAT-LOA-20080416-00085 (June 5, 2009) (Public Notice).

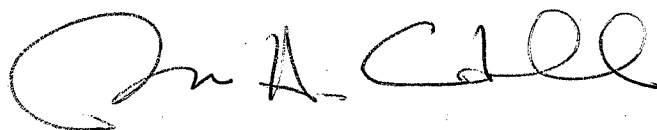
Ms. Marlene H. Dortch
January 27, 2010
Page 2

operating terrestrial facility.³ 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.

The provision of TT&C services to the Intelsat 16 satellite at 58.10° W.L. is critical to ensure the safe station-keeping of the satellite at that location. This, in turn, will result in additional capacity at the nominal 58.0° W.L. location and thereby promotes the public interest.

Please direct any questions regarding this STA request to the undersigned at (202) 944-7848.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Susan H. Crandall". The signature is fluid and cursive, with a large initial "S" and "C".

Susan H. Crandall
Assistant General Counsel
Intelsat Corporation

Cc: Kathryn Medley

³ The EIRP levels for transmissions in the 13997.5 MHz frequency will be consistent with the antenna's licensed parameters.