

March 28, 2013

Ms. Marlene H. Dortch  
Secretary  
Federal Communications Commission  
445 12<sup>th</sup> 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”)<sup>1</sup> for 30 days, from May 7, 2013 through June 5, 2013, to use its Hagerstown, Maryland Ku-band earth station -- call sign KA258 -- to provide launch and early orbit phase (“LEOP”) services for the Eutelsat W3D (a/k/a Eutelsat-7B) satellite that is expected to be launched on May 14, 2013.<sup>2</sup> The LEOP period is expected to last approximately ten days.<sup>3</sup>

The Eutelsat W3D LEOP operations will be performed in the following frequency bands: 14250.0 MHz and 14499.8 MHz in the uplink (RHCP), and 11201.4 MHz and 11698.6 MHz in the downlink (RHCP). The LEOP operations will be coordinated with all operators of satellites that use the same frequency bands and are in the LEOP path. 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 W3D 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 Exhibits A, which contains a waiver request. 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

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<sup>1</sup> 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”).

<sup>2</sup> The permanent orbital location for Eutelsat W3D, which is licensed by France, will be 3.0° E.L. The in-orbit testing location will be 1.6° E.L.

<sup>3</sup> Intelsat is seeking authority commencing May 7, 2013 through June 5, 2013 to accommodate possible launch schedule changes.

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eliminate the interference. Intelsat also notes that for purposes of the Eutelsat W3D LEOP mission, it is seeking to operate in the frequencies listed in the request at power levels not to exceed 26.5 dBW.

Finally, Intelsat clarifies that during the Eutelsat W3D launch, the spacecraft will be controlled by Thales Alenia Space and Telespazio, which are the satellite's manufacturer and the manager of the LEOP mission, respectfully. Thales/Telespazio 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/Telespazio. 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 W3D satellite. This, in turn, will help ensure continuity of service at the 3.0° E.L. orbital 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