

May 7, 2014

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



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

Dear Ms. Dortch:

Intelsat License LLC ("Intelsat") herein requests an additional 30 days— from May 16, 2014 through June 15, 2014— of the Special Temporary Authority ("STA")<sup>1</sup> previously granted Intelsat to use its Hagerstown, Maryland Ku-band earth station -- call sign KA258 -- to provide launch and early orbit phase ("LEOP") services for the Eutelsat-3B satellite that is expected to be launched on May 26, 2014, after being delayed approximately two months.<sup>2</sup> The LEOP period is expected to last approximately ten days.<sup>3</sup>

The Eutelsat-3B LEOP operations will continue to be performed in the following frequency bands: 14250.0 MHz and 14499.8 MHz in the uplink (RHCP or LHCP), and 11200.2 MHz and 11699.8 MHz in the downlink (RHCP or LHCP). The LEOP operations will continue to be coordinated with all operators of satellites that use the same frequency bands and are in the LEOP path.<sup>4</sup> 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.

---

<sup>1</sup> Intelsat has filed this STA request, an FCC Form 159 and an \$860.00 filing fee electronically via the International Bureau's Filing System.

<sup>2</sup> See *Satellite Communications Services Information; Actions Taken*, Report No. SES-01635, File No. SES-STA-2014 (Apr. 2, 2014) (Public Notice). The permanent orbital location for Eutelsat-3B, which Intelsat understands is licensed by France, will be 3.0° E.L. The in-orbit testing location will be 1.7° E.L.

<sup>3</sup> Intelsat is seeking authority for 30 days to accommodate any further launch delays.

<sup>4</sup> EADS Astrium ("Astrium"), the manager of the Eutelsat-3B LEOP mission, will handle the coordination.

Ms. Marlene H. Dortch  
May 7, 2014  
Page 2

The 24x7 contact information for the Eutelsat-3B 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 support of this request, Intelsat incorporates by reference Exhibit A submitted with its original STA request, 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 eliminate the interference. Intelsat also notes that for purposes of the Eutelsat-3B LEOP mission, it is seeking to operate in the frequencies listed in the request at power levels not to exceed 23.5 dBW.

Finally, Intelsat clarifies that during the Eutelsat-3B launch, the spacecraft will be controlled by Astrium. Astrium 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 Astrium. Intelsat will remain in control of the baseband unit, RF equipment and antenna.

Grant of this STA extension request will allow Intelsat to help launch the Eutelsat-3B 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 extension request to the undersigned at (202) 944-7848.

Respectfully submitted,



Susan H. Crandall  
Associate General Counsel  
Intelsat Corporation

cc: Paul Blais