

May 23, 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, commencing August 13, 2013, to use its Hagerstown, Maryland Ku-band earth station -- call sign KA258 -- to provide launch and early orbit phase (“LEOP”) services for the AMOS-4 satellite that is expected to be launched on August 13, 2013.<sup>2</sup> The LEOP period is expected to last approximately ten days.<sup>3</sup>

The AMOS-4 LEOP operations will be performed in the following frequencies: 13750.0 MHz, 14000.0 MHz, 14250.0 MHz and 14500.0 MHz in the uplink (CP), and 10703.0 MHz and 11698.5 MHz in the downlink (CP). 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 AMOS-4 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.

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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 AMOS-4, which is licensed by the Administration of Israel, will be 65.0° E.L. The in-orbit testing location will be 65.0° E.L.

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

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In addition, Intelsat attaches Exhibits A and B, which contain waiver requests. 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 AMOS-4 LEOP mission, it is seeking to operate in the frequencies listed in the request at maximum EIRP of 88.0 dBW.


Intelsat does not seek protection for its KA258 earth station with respect to receive operations in the 10703.0 MHz and 11698.5 MHz frequencies. To the extent necessary, Intelsat includes herewith as Exhibit B a waiver request regarding the requirement in footnote NG104 of the FCC's rules limiting use of these frequencies to international services.

Finally, Intelsat clarifies that during the AMOS-4 launch, the spacecraft will be controlled by Telespazio, which is the manager of the LEOP mission. 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 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 AMOS-4 satellite to the 65.0° E.L. orbital location. This, in turn, will help provide new capacity at that 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