

May 23, 2012

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 June 15, 2012 through July 14, 2012, to use its Hagerstown, Maryland Ku-band earth station -- call sign KA258<sup>2</sup> -- to provide launch and early orbit phase (“LEOP”) services for the SES-5 satellite that is expected to be launched mid-June, 2012.<sup>3</sup> The LEOP period is expected to last approximately ten days.<sup>4</sup>

The SES-5 LEOP operations will be performed in the following frequency bands: 14250.5 MHz and 14499.5 MHz (uplink, RHCP) and 11700.25 MHz, 11698.25 MHz, 11703.3 MHz and 11699.875 MHz (downlink, R/LHCP).

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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> Intelsat currently is operating earth station KA258 at Hagerstown under Special Temporary Authority pending grant of a permanent modification application for a change in the antenna’s location. *See Intelsat License LLC Request for Further Extension of Special Temporary Authority*, File No. SES-STA-20120522-00457 (filed May 22, 2012); *Intelsat License LLC Request for Extension of Special Temporary Authority*, File No. SES-STA-20120320-00284 (filed Mar. 20, 2012); *Intelsat License LLC Request for Extension of Special Temporary Authority*, File No. SES-STA-20120221-00186 (filed Feb. 21, 2012); *Policy Branch Information; Actions Taken*, Report No. SES-01421, File No. SES-STA-20120118-00067 (Feb. 1, 2012) (Public Notice).

<sup>3</sup> The permanent orbital location for SES-5 will be 5.0° E.L. The in-orbit testing location will be 5.2° E.L.

<sup>4</sup> Intelsat is seeking authority through July 14, 2012 to accommodate a possible launch delay.

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The SES-5 satellite is licensed by the Administration of Sweden. To the extent necessary, Intelsat includes herewith as Exhibit A a waiver request for limited authority for its KA258 earth station to communicate with a foreign-licensed satellite.

Intelsat does not seek protection for its KA258 earth station with respect to receive operations in the 11700.25 MHz, 11698.25 MHz, 11703.3 MHz and 11699.875 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.

The uplink EIRP for transmissions in the 14250.5 MHz and 14499.5 MHz frequencies is not expected to exceed 88 dBW. This level is within the parameters of the KA258 permanent license modification application currently pending at the Commission.

The LEOP operations will be coordinated with all operators of satellites that use the same frequency bands and are in the LEOP path.<sup>5</sup> As such, there would be no risk of interference with respect to lawfully operating, co-frequency radiocommunication facilities. Nevertheless, 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. 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 24x7 contact information for the SES-5 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.

Grant of this STA request will allow Intelsat to help launch the SES-5 satellite to the 5.0° E.L. location. This, in turn, will help ensure

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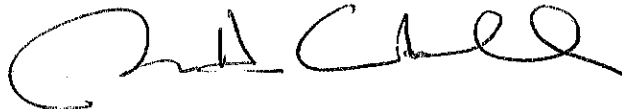
<sup>5</sup> Space Systems Loral, which is managing the SES-5 launch mission, is handling the coordination.

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continuity of service 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,

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: Paul Blais