

January 2, 2014

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  
Nuevo, California Earth Station E040125

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests a grant of Special Temporary Authority (“STA”)<sup>1</sup> for 30 days, commencing January 23, 2014, to use its Nuevo, California C-band earth station -- call sign E040125 -- to provide launch and early orbit phase (“LEOP”) services for the ABS-2 (a/k/a ST-3 and Koreasat-8) satellite that is expected to be launched on January 23, 2014.<sup>2</sup> The LEOP period is expected to last approximately ten days.<sup>3</sup>

The ABS-2 LEOP operations will be performed in the following frequency bands: 5844 MHz and 5846 MHz in the uplink (LHCP), and 4183.25 MHz and 4184.25 MHz in the downlink (LHCP). 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 ABS-2 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 ABS-2, which is licensed by Russia, will be 75.0° E.L. The in-orbit testing location will also be at 75.0° E.L.

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

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In further support of this request, Intelsat is attaching Exhibit A, which contains two waiver requests. Intelsat also notes that for purposes of the ABS-2 LEOP mission, it intends generally to operate in the frequencies listed in the request at power levels not to exceed 26.5 dBW.

Finally, Intelsat clarifies that during the ABS-2 launch, the spacecraft will be controlled by Space Systems/Loral ("SS/L"), which is the manager of the LEOP mission. SS/L 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 SS/L. 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 ABS-2 satellite. This, in turn, will help bring additional capacity to the 75.0° 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  
Associate General Counsel  
Intelsat Corporation

cc: Paul Blais