

January 10, 2017

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

Re: Request for Special Temporary Authority  
Hagerstown, Maryland Earth Station E000296

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests a grant of Special Temporary Authority (“STA”)<sup>1</sup> for 30 days, commencing February 14, 2017, to use its Hagerstown, Maryland C-band earth station—call sign E000296—to provide launch and early orbit phase (“LEOP”) services for the Telkom-3S satellite. Telkom-3S is expected to be launched on February 14, 2017.<sup>2</sup> The LEOP period is expected to last approximately ten days.<sup>3</sup>

The Telkom-3S LEOP operations will be performed at the following frequencies: 5926.5 MHz and 6423.5 MHz in the uplink (LHCP or RHCP), and 3700.5 MHz and 4199.61 MHz in the downlink (LHCP or RHCP). The LEOP operations will 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.

The 24x7 contact information for the Telkom-3S mission is as follows:

Ph.: (703) 559-7701 – East Coast Operations Center (primary)  
(310) 525-5591 – West Coast Operations Center (back-up)

Request to speak with Harry Burnham or Kevin Bell.

Intelsat hereby attaches a waiver request as Exhibit A. Intelsat will file a coordination report containing technical information that demonstrates that the operation of the earth station will be compatible with its

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<sup>1</sup> Intelsat has filed its STA request, an FCC Form 159, a \$200.00 filing fee, and this supporting letter electronically via the International Bureau’s Filing System (“IBFS”).

<sup>2</sup> The in-orbit testing location for Telkom-3S, which Intelsat understands is licensed by Indonesia, will be at 136.5° E.L. The permanent orbital location will be 118.0° E.L.

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

<sup>4</sup> Thales Alenia Space (“Thales”), the manager of the Telkom-3S mission, will handle the coordination.

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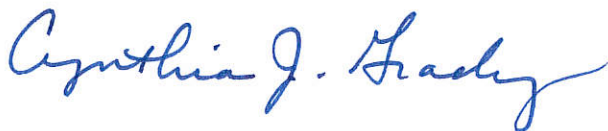
electromagnetic environment and will not cause harmful interference into any lawfully operating terrestrial facility prior to launch. In the extremely unlikely event that harmful interference should occur due to transmissions to or from its earth station, Intelsat will take all reasonable steps to eliminate the interference.

Finally, Intelsat clarifies that during the Telkom-3S launch, Thales will serve as the mission manager. Thales 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. 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 Telkom-3S satellite. This, in turn, will help provide services in Asia from the 118.0° E.L. orbital location and thereby promotes the public interest.

Please direct any questions regarding this STA request to the undersigned at (703) 559-6949.

Respectfully submitted,

A handwritten signature in blue ink that reads "Cynthia J. Grady". The signature is written in a cursive style with a large initial 'C'.

Cynthia J. Grady  
Regulatory Counsel  
Intelsat Corporation

cc: Paul Blais