

July 16, 2018

Ms. Marlene H. Dortch  
Secretary  
Federal Communications Commission  
445 12th Street, SW  
Washington, DC 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 August 1, 2018, to use its Hagerstown, Maryland C-band earth station—call sign E000296—to provide launch and early orbit phase (“LEOP”) services for the Telkom-4 satellite. Telkom-4 is expected to launch on August 1, 2018.<sup>2</sup> Intelsat expects the LEOP period to last approximately 30 days.

The Telkom-4 LEOP operations will be performed at the following frequencies: 5926.0 MHz and 6424.0 MHz (LHCP, Linear) in the uplink, and 4199.875 MHz and 3701.75 MHz (RHCP, Linear) in the downlink. The LEOP operations will be coordinated with all operators of satellites that use the same frequency bands and are in the LEOP path.<sup>3</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-4 LEOP 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.

In further support of this request, Intelsat herewith attaches Exhibits A and B, which contain a coordination report and 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.

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<sup>1</sup> Intelsat has filed its STA request, 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 permanent orbital location and in-orbit testing location for Telkom-4, which Intelsat understands is licensed by Indonesia, will be 108.0° E.L.

<sup>3</sup> SSL, the manager of the Telkom-4 LEOP mission, will handle the coordination.

Ms. Marlene H. Dortch  
July 16, 2018  
Page 2

Finally, Intelsat clarifies that during the Telkom-4 launch, SSL will control the spacecraft. SSL 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 SSL. 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-4 satellite. This, in turn, will help provide services to Indonesia and neighboring areas from the 108.0° E.L. orbital location and thereby promotes the public interest.

Please direct any questions regarding this STA request to the undersigned at (703) 559-7848.

Respectfully submitted,

Cynthia J. Grady  
Cynthia J. Grady  
Regulatory Counsel  
Intelsat US LLC

cc: Paul Blais