



INTELSAT.

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February 6, 2019

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 KA258

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests a grant of Special Temporary Authority (“STA”)¹ for 30 days, commencing March 7, 2019, to use its Hagerstown, Maryland Ku-band earth station (Call Sign KA258) to provide launch and early orbit phase (“LEOP”) services for the ArabSat-6A satellite. ArabSat-6A is expected to launch on March 7, 2019.² Intelsat expects the LEOP period to last approximately 60 days.

The ArabSat-6A operations will be performed at the following frequencies: 13993.00 MHz and 13995.00 MHz (CP) in the uplink; and 11198.00 MHz and 11199.00 MHz (CP) 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.³ 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 ArabSat-6A 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.

¹ Intelsat has filed its STA request, FCC Form 159, a \$210.00 filing fee, and this supporting letter electronically via the International Bureau’s Filing System (“IBFS”).

² The in-orbit testing location for ArabSat-6A, which Intelsat understands is licensed by Saudi Arabia, will be 44.5° E.L. The satellite’s final location will be 30.5° E.L.

³ Lockheed Martin, the manager of the AraabSat-6A mission, will handle the coordination.

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In further support of this request, Intelsat herewith attaches Exhibits A and B, which contain a 13 GHz 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.

Finally, Intelsat clarifies that during the ArabSat-6A LEOP mission, Lockheed Martin will serve as the mission manager. Lockheed Martin 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 Lockheed Martin. Intelsat will perform the ranging sessions by sending a tone to the spacecraft periodically. 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 ArabSat-6A satellite. This will help provide commercial services at the 30.5° E.L. location and thereby promotes the public interest.

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

Respectfully submitted,

/s/ Cynthia J. Grady

Cynthia J. Grady
Senior Counsel
Intelsat US LLC

cc: Paul Blais