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August 29, 2014

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
EXPEDITED TREATMENT REQUESTED

Dear Ms. Dortch:

Intelsat License LLC ("Intelsat") herein requests an expedited grant of Special Temporary Authority ("STA")[1] for 30 days, commencing September 5, 2014, to use its Hagerstown, Maryland C-band earth station—call sign E000296—to provide launch and early orbit phase ("LEOP") services for the AsiaSat-6 satellite that is expected to launch no earlier than September 5, 2014.[2] The LEOP period is expected to last approximately 10 days.[3] Although Intelsat previously received authority to utilize its Hagerstown, Maryland C-band antenna, KA275,[4] to support the AsiaSat-6 launch, various launch delays have resulted in the need for a second C-band antenna at Intelsat's Mountainside teleport for LEOP services.

The AsiaSat-6 LEOP operations will be performed in the following frequency bands: 6429.00 MHz and 6431.00 MHz in the uplink (RHCP), and 4198.75 and 4199.85 MHz in the downlink (LHCP). The LEOP operations will be coordinated with all operators of satellites in the LEOP path that use the same frequency bands. All operators of satellites in the LEOP 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 AsiaSat-6 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.

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[1] Intelsat has filed this STA request, an FCC Form 159, and a $195.00 filing fee electronically via the International Bureau's Filing System.

[2] The permanent orbital location for AsiaSat-6, which Intelsat understands is licensed by China, will be at 120.0° E.L. The in-orbit testing location will be 119.65° E.L.

[3] Intelsat is seeking authority for 30 days to accommodate launch delays.

[4] *See Intelsat License LLC Request for Special Temporary Authority, Hagerstown, Maryland Earth Station KA275*, SES-STA-20140604-00400 (stamp grant issued by Paul Blais on July 15, 2014).

In support of this extension request, Intelsat is attaching Exhibits A and B,[5] which contain technical information that demonstrates that the operation of the earth station will be compatible with its electromagnetic environment and will not cause harmful interference into any lawfully operating terrestrial facility, as well as a waiver request. In the extremely unlikely event that harmful interference should occur due to transmission to or from its earth station, Intelsat will take all reasonable steps to eliminate the interference.

Intelsat also notes that for purposes of the AsiaSat-6 LEOP mission, it is seeking to operate in the aforementioned frequencies at power levels not to exceed 26.5 dBW. The technical information submitted with this STA request reflects a power level as high as 28.9 dBW because this is the level at which Intelsat might operate in the event an emergency necessitates the use of a higher power level in order to command the satellite.

Finally, Intelsat clarifies that during the AsiaSat-6 launch, the spacecraft will be controlled by Space Systems/Loral, which is the manager of the LEOP mission. Space Systems/Loral 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 Space Systems/Loral. 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 AsiaSat-6 satellite. This, in turn, will help ensure continuity of service at the 120.0° E.L. orbital location and thereby promotes the public interest.

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

Respectfully submitted,

Cynthia J. Grady

Cynthia J. Grady
Regulatory Counsel
Intelsat Corporation

cc: Paul Blais

[5] Intelsat is providing the same Exhibit B previously submitted for KA275. *Id.* While the sizes of E000296 and KA275 are different, the antennas are located next to each other and their power levels are such that the coordination report for KA275 will cover the proposed transmissions of E000296.