

November 21, 2013

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 KA275

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests a grant of Special Temporary Authority (“STA”)¹ for 30 days, commencing December 21, 2013, to use its Hagerstown, Maryland C-band earth station -- call sign KA275 -- to provide launch and early orbit phase (“LEOP”) services for the Thaicom-6 satellite that is expected to be launched on December 21, 2013.² The LEOP period is expected to last approximately ten days.³

The Thaicom-6 LEOP operations will be performed in the following frequency bands: 6412.0 MHz and 6414.0 MHz in the uplink (RHCP), and 4185.0 MHz and 4185.6 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 Thaicom-6 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.

¹ 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”).

² The permanent orbital location for Thaicom-6, which is licensed by Thailand, will be 78.5° E.L. The in-orbit testing location will be 81.5° E.L.

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

Ms. Marlene H. Dortch
November 21, 2013
Page 2

In further support of this request, Intelsat is attaching Exhibits A and B, 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. Intelsat also notes that for purposes of the Thaicom-6 LEOP mission, it is seeking to operate in the frequencies listed in the request at power levels not to exceed 25.5 dBW.

Finally, Intelsat clarifies that during the Thaicom-6 launch, the spacecraft will be controlled by Orbital Sciences, which is the manager of the LEOP mission. Orbital Sciences 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 Orbital Sciences. 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 Thaicom-6 satellite. This, in turn, will help ensure continuity of service at the 78.5° 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,

A handwritten signature in black ink, appearing to read "Susan H. Crandall". The signature is fluid and cursive, with a large initial "S" and "C".

Susan H. Crandall
Associate General Counsel
Intelsat Corporation

cc: Paul Blais