

November 12, 2012

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



Re: Request for Special Temporary Authority
Fillmore, California Earth Station E4132

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests a grant of Special Temporary Authority (“STA”)¹ for 30 days, from December 8, 2012 through January 6, 2013, to use its Fillmore, California C-band earth station -- call sign E4132 -- to provide launch and early orbit phase (“LEOP”) services to the Yamal-402 satellite that is expected to be launched on December 8, 2012.² The LEOP period is expected to last approximately 10 days.³

The Yamal-402 LEOP operations will be performed in the following frequency bands:

Uplink: 6420.0 MHz (LHCP) and 6421.5 MHz (RHCP)
Downlink: 3931.5 MHz and 3401.0 MHz (LHCP); 4011.5 MHz and 3409.5 MHz (RHCP)

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 Yamal-402 LEOP mission is as follows:

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 It is Intelsat’s understanding that the satellite’s permanent orbital location will be 55.0° E.L. and that it will be in-orbit tested at 54.9° E.L.

³ Intelsat is seeking authority through January 6, 2013 to accommodate a possible launch delay.

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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.

In further support of this request, Intelsat is attaching Exhibits A and B, which contain a waiver request, as well as 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. 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.

Intelsat also notes that for purposes of the Yamal-402 LEOP mission, it is seeking to operate in the frequencies listed in the request at power levels not to exceed 26.5 dBW. The technical information submitted with the STA request reflects a power level as high as 34.0 dBW because that 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.

Grant of this STA request will enable Intelsat to help launch the Yamal-402 satellite. This will serve the public interest by ensuring that it can bring additional capacity to Russia, Europe and the Middle East.

Please direct any questions regarding this STA request to the undersigned at (202) 944-7848.

Respectfully submitted,



Susan H. Crandall
Assistant General Counsel
Intelsat Corporation

cc: Paul Blais