

November 20, 2007

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



Re: Request for Special Temporary Authority  
Riverside, California Earth Station E040125

Dear Ms. Dortch:

Intelsat North America LLC ("Intelsat") herein requests a grant of Special Temporary Authority ("STA")<sup>1</sup> for 30 days, from December 18, 2007 through January 16, 2008, to use its Riverside, California C-band earth station -- call sign E040125 -- to provide launch and early orbit phase ("LEOP") services for the RASCom-1 satellite that is expected to be launched on December 18, 2007.<sup>2</sup> The LEOP period is expected to last approximately 10 days.<sup>3</sup>

The RASCom-1 LEOP operations will be performed in the following uplink frequency bands: 6182 MHz and 6183.5 MHz. The LEOP operations will be coordinated with all operators of satellites that use the same frequency bands and are in the LEOP path.<sup>4</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 RASCom-1 LEOP mission is as follows:

Harry Burnham or Mike Munion  
Ph.: (202) 944-7753 (primary)  
(202) 944-7701 (back-up)

In further support of this request, Intelsat is attaching Exhibits A through D, 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

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<sup>1</sup> Intelsat has filed its STA request, an FCC Form 159, a \$170.00 filing fee and this supporting letter electronically via the International Bureau's Filing System ("IBFS").

<sup>2</sup> The permanent orbital location for RASCom-1 is 2.85° E.L.

<sup>3</sup> Intelsat is seeking authority through January 16, 2008 to accommodate a possible launch delay.

<sup>4</sup> Thales, the manufacturer of RASCom-1, is coordinating the LEOP mission.

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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 RASCom-1 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 higher power level of 33.5 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 allow Intelsat to help launch the RASCom-1 satellite to the 2.85° E.L. location. This, in turn, will promote the public interest by providing capacity at a new location that covers Africa, 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: Scott Kotler