

October 15, 2012

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



Re: Request for Special Temporary Authority
Nuevo, California Earth Station E060388

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests a grant of Special Temporary Authority (“STA”)¹ for 30 days, from October 24, 2012 through November 23, 2012, to use its Nuevo, California C-band earth station -- call sign E060388 -- to provide in-orbit testing (“IOT”) services for the Intelsat 23 satellite.

The Intelsat 23 IOT operations will be performed at the 51.5° W.L longitude orbital location in the 5925- 6425 MHz frequency bands in the uplink and the 3700-4200 MHz in the downlink (RHCP).²

The maximum uplink EIRP transmitted during the IOT operations will be 75 dBW, with an unmodulated carrier. Operations in some segments of the above frequency range will be at reduced eirp levels to ensure that interference is not caused to legally operating terrestrial facilities. In particular, operations in the 5930 – 5961 MHz and 6019 – 6050 MHz frequency bands will be at an eirp level of 59 dBW, while operation in the 5989 – 6020 MHz frequency band will be at a level of 68.5 dBW. A terrestrial coordination report is attached as Exhibit A.

The IOT operations also have been coordinated with all operators of satellites that use the same frequency bands and are within six degrees of the IOT location. As such, there is no risk of harmful interference into lawfully operating co-frequency satellites. In the extremely unlikely event that harmful interference should occur due to

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 See *Policy Branch Information; Actions Taken*, Report No. SAT-00904, File No. SAT-STA-20120913-00149 (Oct. 11, 2012) (Public Notice); *Policy Branch Information; Actions Taken*, Report No. SAT-00889, File No. SAT-STA-20120628-00106 (Aug. 10, 2012) (Public Notice).

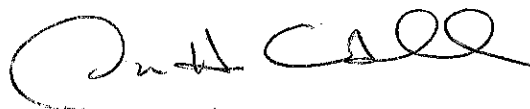
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transmissions to or from its earth station, Intelsat will take all reasonable steps to eliminate the interference.

Grant of this STA request will allow Intelsat to in-orbit test the Intelsat 23 satellite, which is a critical step in ensuring that the satellite is able to provide service continuity at its permanent location of 43.0° W.L. Accordingly, grant is in 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
Assistant General Counsel
Intelsat Corporation

Cc: Paul Blais