

May 19, 2010

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



Re: Request for Special Temporary Authority for Intelsat 603
Call Sign: S2399

Dear Ms. Dortch:

Intelsat North America LLC ("Intelsat") herein requests Special Temporary Authority ("STA"¹) for 30 days beginning May 20, 2010 to operate certain communications frequencies, along with TT&C carriers, on the Intelsat 603 satellite (call sign S2399) at 11.5° E.L. Intelsat plans to have the satellite on-station at 11.5° E.L. on May 20, 2010.

Intelsat 603 currently is drifting pursuant to STA.² Intelsat plans, upon receipt of Commission approval, to re-flag Intelsat 603 from United States licensing to United Kingdom licensing.³ Until such time as the exchange of licensing administrations can occur, however, Intelsat needs to begin operations on the satellite at 11.5° E.L. More specifically, Intelsat needs immediately to start operating in the C-band frequency ranges listed below in order to transition two customers off of NSS-5 at 340° E.L., where they have been operating on a temporary basis while Intelsat 603 was drifting.⁴ The transition is scheduled to begin on May 20, 2010 in order to meet a contractual deadline by which Intelsat customers must be off the NSS-5 satellite.

¹ Intelsat has filed this STA request, an FCC Form 159 and an \$830.00 filing fee electronically via the International Bureau's Filing System.

² See *Intelsat North America LLC Application for Special Temporary Authority for Intelsat 603 Satellite, S2399*, File No. SAT-STA-20091209-00143 (filed Dec. 9, 2009) (granted with conditions Mar. 4, 2010).

³ See *Intelsat North America LLC Application to Transfer Control of Intelsat 603 Space Station Authorization to United Kingdom Licensing Authority*, File No. SAT-T/C-20100112-00008 (filed Jan. 12, 2010).

⁴ An STA request for operation in other C-band frequencies and in Ku-band will be submitted separately as the need for these frequencies is less immediate.

Operational Frequencies: The specific communications frequencies for which Intelsat seeks authority are:

4040-4200 MHz (space to Earth) and 6265-6425 MHz (Earth to space)

TT&C Frequencies: The specific TT&C frequencies are:

Telecommand frequencies: 6173.7 MHz (LHCP) and 6176.3 MHz (LHCP)
Telemetry frequencies: 3947.5 MHz (RHCP), 3948.0 MHz (RHCP),
3952.0 MHz (RHCP) and 3952.5 MHz (RHCP)

Geographic Service Area: The communications frequencies being requested here will be received or transmitted through a global beam of the Intelsat 603 satellite with coverage of Europe, Africa, and small portions of Asia and South America.

Waivers: Intelsat requests that, to the extent necessary, the Part 25 waivers originally granted to the Intelsat 603 spacecraft continue to apply at the 11.5° E.L. location, namely, the waivers of Sections 25.202(g), 25.210(a)(1), 25.210(a)(3), 25.210(c), 25.210(i) and 25.211(a) of the Commission's rules.⁵

Grant of this application will serve the public interest by allowing Intelsat to operate in C-band at 11.5° E.L. and thereby help ensure a timely transition of customers off of NSS-5. This, in turn, ensures continuity of service for those customers. In addition, grant of this request will provide additional time for the FCC and regulatory agency in the United Kingdom, OfCom, to reach an understanding on the transfer of licensing responsibility for the Intelsat 603 spacecraft.

Moreover, grant of this STA is not expected to cause any harmful interference. Intelsat agrees to operate the C-band frequencies identified above on a non-interference, non-protected basis and in the unlikely circumstance that interference is generated to any other satellite, Intelsat agrees to immediately cease transmissions until the interference concerns of the interfered-with operator are satisfactorily resolved.

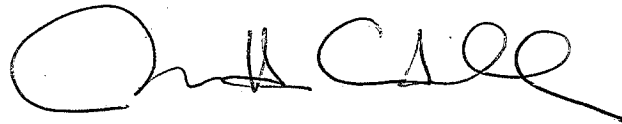
⁵ See *Applications of Intelsat LLC for Authority to Operate and Further Construct, Launch, and Operate C-Band and Ku-Band Satellites that Form a Global Communications System in Geostationary Orbit*, 15 FCC Rcd 15460, 15529 (Appendix C) (2000) (Memorandum Opinion and Order and Authorization), *recon. denied*, 15 FCC Rcd 25234 (2000) (Order on Reconsideration).

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The only operational satellite using C-band frequencies within five degrees of the 11.5° E.L. orbital location is the W2A satellite operated by Eutelsat. However, the W2A satellite does not include frequencies in the range being requested herein for the Intelsat 603 communications payload. Command and telemetry will be transmitted from and to a 16.4-meter antenna and will be at power levels that will not cause interference to the W2A satellite.

For the reasons set forth herein, Intelsat respectfully requests that the Commission expeditiously grant this request to operate certain C-band frequencies on Intelsat 603 to 11.5° E.L.

Sincerely,

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: Bob Nelson
Karl Kensinger
Kathryn Medley
Stephen Duall