

December 9, 2009

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"<sup>1</sup>) for 100 days beginning March 1, 2010 to drift Intelsat 603 to 11.5° E.L. Intelsat will not operate the communications payload on Intelsat 603 during its relocation; only the TT&C carriers will be in use during that time. Intelsat plans to have the satellite on-station at 11.5° E.L. in late May 2010.

Intelsat 603 currently is located at 19.95° W.L.<sup>2</sup> Intelsat plans, upon receipt of Commission approval, to move Intelsat 603 to 11.5° E.L., where Intelsat will operate pursuant to United Kingdom authorization of the space segment. The United Kingdom Administration will be the International Telecommunication Union ("ITU") notifying administration responsible for ensuring that the satellite's operations at the 11.5° E.L. orbital location comply with all relevant coordination agreements for the location. Intelsat acknowledges that the Federal Communications Commission and OfCom in the United Kingdom may exchange letters to ensure there is a mutual understanding regarding the operation of the Intelsat 603 satellite at 11.5° E.L.<sup>3</sup> Upon completion of the maneuvers required to place Intelsat 603 at 11.5° E.L., Intelsat will notify the Commission and surrender its license for the Intelsat 603 satellite.

Grant of this application will serve the public interest by allowing Intelsat to operate at 11.5° E.L. and thereby help satisfy high customer demand for Africa

---

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

<sup>2</sup> See *Satellite Policy Branch Information; Actions Taken*, Report No. SAT-00134, File No. SAT-AMD-20020731-00146 (Feb. 12, 2003) (Public Notice). As the Commission is aware, NSS-5 will be located at 20.0° W.L. beginning the end of February 2010. Intelsat has filed a request to operate the Ku-band payload of the NSS-5 satellite at that location pursuant to U.S. authorization.

<sup>3</sup> Intelsat would be pleased to provide a point of contact within OfCom if needed to facilitate such exchange of letters.

Ms. Marlene H. Dortch

December 9, 2009

Page 2

connectivity.<sup>4</sup> No customers currently operating on Intelsat 603 will be negatively affected, as they will have been relocated to other satellites prior to Intelsat 603's drift to 11.5° E.L. Intelsat expects Intelsat 603 to remain at 11.5° E.L. until it is de-orbited and will comply with any post-mission disposal requirements imposed by the United Kingdom.

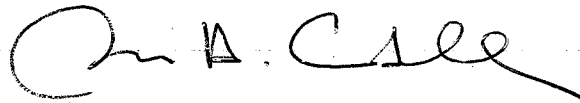
Grant of the requested STA, moreover, would not present any significant risk of interference to other users. Intelsat will not operate the communications payload on Intelsat 603 during the relocation to 11.5° E.L. In addition, Intelsat will follow standard industry practices for coordination of TT&C transmissions during the relocation process.

During the drift from 19.95° W.L. to 11.5° E.L., Intelsat will utilize the following frequencies for TT&C:

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)

For the reasons set forth herein, Intelsat respectfully requests that the Commission grant this request to drift Intelsat 603 to 11.5° E.L., and to operate the TT&C carriers on the satellite in the manner described in this request.

Sincerely,



Susan H. Crandall  
Assistant General Counsel  
Intelsat Corporation

Cc: Bob Nelson  
Karl Kensinger  
Kathryn Medley  
Stephen Duall

---

<sup>4</sup> In particular, C-band capacity is in high demand by customers in Africa.