

October 16, 2012

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



Re: Request for Extension of Special Temporary Authority to Conduct Telemetry, Tracking and Control Operations Using Earth Station KA258

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests a 30-day extension -- through November 18, 2012 -- of the Special Temporary Authority (“STA”)<sup>1</sup> previously granted Intelsat to use its Hagerstown, Maryland earth station -- call sign KA258 -- to provide telemetry, tracking and control (“TT&C”) services to the DIRECTV 1R satellite (call sign S2369) as it drifts from at 109.8° W.L. to 55.8° E.L.<sup>2</sup> DIRECTV 1R currently is drifting to 55.8° E.L.<sup>3</sup>

The DIRECTV 1R TT&C operations will continue to be performed in the following frequency bands:

Uplink: 17305 and 17799 MHz

Downlink: 12699.25 and 12698.25 MHz

---

<sup>1</sup> 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”).

<sup>2</sup> See *Policy Branch Information; Actions Taken*, Report No. SES-01481, File No. SES-STA-20120820-00766 (Sept. 5, 2012) (Public Notice).

<sup>3</sup> DirecTV has filed applications to redeploy the satellite. See *Policy Branch Information; Satellite Space Applications Accepted for Filing*, Report No. SAT-00901, File No. SAT-A/O-20120817-00137 (Sept. 28, 2012) (Public Notice) and *Policy Branch Information; Actions Taken*, Report No. 00894, File No. SAT-STA-20120817-00138 (Aug. 31, 2012) (Public Notice). On September 13, 2012, DirecTV amended its pending application to change the orbital location to 55.8° E.L. from the originally requested 56.16° E.L. See *Policy Branch Information; Satellite Space Applications Accepted for Filing*, Report No. SAT-00901, File No. SAT-AMD-20120913-00148 (Sept. 28, 2012) (Public Notice).

Ms. Marlene H. Dortch  
October 16, 2012  
Page 2

The emission designator for both the uplink (command) carriers is 800KF2D and the transmitted EIRP will be 85.3 dBW.

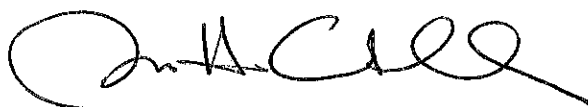
Grant of this STA extension request will serve the public interest because the redeployment of the DIRECTV 1R satellite to 55.8° E.L. will ensure continuity of service at that location. The satellite currently located at 56.0° E.L. -- Bonum 1 -- is expected shortly to experience significant service degradation. Services currently on Bonum 1 will be transferred to DIRECTV 1R upon the latter's arrival at 55.8° E.L. The entire drift is expected to take between four and five months.

Moreover, grant of this STA extension request will not result in increased risk of harmful interference to any other system. Intelsat will operate the TT&C transmissions within the coordinated parameters in the earth station's license.

In addition, DIRECTV has stated that it will coordinate the satellite's drift with potentially affected satellite operators. As such, co-frequency operations of other satellite operators will not be affected.

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

Respectfully submitted,



Susan H. Crandall  
Assistant General Counsel  
Intelsat Corporation

cc: Paul Blais