

August 20, 2012

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 to Conduct Telemetry,  
Tracking and Control Operations Using Earth Station KA258

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests Special Temporary Authority (“STA”)<sup>1</sup> for 30 days commencing September 20, 2012 to use its Hagerstown, Maryland earth station – call sign KA258<sup>2</sup> – 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 56.16° E.L.<sup>3</sup> Earth station KA258 will communicate with DIRECTV 1R from approximately 88.0° W.L. until the satellite arrives at 56.16° E.L.<sup>4</sup>

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<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> Intelsat currently is operating earth station KA258 at Hagerstown under Special Temporary Authority pending grant of a permanent modification application for a change in the antenna’s location. *See Intelsat License LLC Request for Further Extension of Special Temporary Authority*, File No. SES-STA-20120718-00661 (filed July 18, 2012); *Intelsat License LLC Request for Extension of Special Temporary Authority*, File No. SES-STA-20120522-00457 (filed May 22, 2012); *Intelsat License LLC Request for Extension of Special Temporary Authority*, File No. SES-STA-20120320-00284 (filed Mar. 20, 2012); *Intelsat License LLC Request for Extension of Special Temporary Authority*, File No. SES-STA-20120221-00186 (filed Feb. 21, 2012); *Policy Branch Information; Actions Taken*, Report No. SES-01421, File No. SES-STA-20120118-00067 (Feb. 1, 2012) (Public Notice).

<sup>3</sup> DirecTV has filed applications to redeploy the satellite. *See DIRECTV Enterprises, LLC Application for Authorization to Operate DIRECT 1R, a Direct Broadcast Satellite*, File No. SAT-LOA-20120817-00137 (filed Aug. 17, 2012) and *DIRECTV Enterprises, LLC Request for Special Temporary Authority*, File No. SAT-STA-20120817-00138 (filed Aug. 17, 2012).

<sup>4</sup> Intelsat is concurrently filing an STA request for its earth station E990323 to track the satellite from 109.8° W.L. to 88.0° W.L. On-station TT&C operations will be performed using an earth station located in Russia.

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

Uplink: 17305 and 17799 MHz

Downlink: 12699.25 and 12698.25 MHz

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

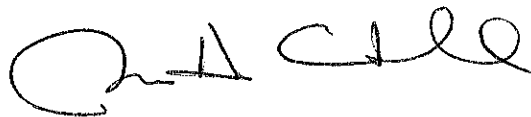
Grant of this STA request will serve the public interest because the redeployment of the DIRECTV 1R satellite to 56.16° E.L. will ensure continuity of service at that location. The satellite currently located at 56.0° E.L. --Bonum 1 -- is expected shortly to experience significant service degradation. Services currently on Bonum 1 will be transferred to DIRECTV 1R upon the latter's arrival at 56.16° 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