

## REQUEST FOR SPECIAL TEMPORARY AUTHORITY

*Call Sign: E990323*

Intelsat License LLC (“Intelsat”) hereby requests Special Temporary Authority (“STA”) to use its Castle Rock, CO earth station (call sign E990323) to conduct telemetry, tracking and control (“TT&C”) operations with the DIRECTV 1R satellite (call sign S2848) during its drift from the 72.5° W.L. orbital location to 109.8° W.L.<sup>1</sup> Intelsat requests that this STA become effective on January 9, 2012 and last for thirty (30) days thereafter.<sup>2</sup>

Intelsat requests authority to operate its earth station with call sign E990323 utilizing the following TT&C frequencies:

Uplink:	17305 and 17799 MHz
Downlink:	12699.25 and 12698.25 MHz

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

Grant of this STA will serve the public interest because it will facilitate safe repositioning of the DIRECTV 1R satellite. In addition, grant of this STA request will not result in increased risk of harmful interference to any other system. Intelsat’s earth station is already authorized to provide TT&C services using the frequencies needed for the drift of DIRECTV 1R. The transmissions that will occur during the proposed operations will be within the coordinated parameters in the earth station’s license. Moreover, DIRECTV has stated that it will coordinate with potentially affected satellite operators.<sup>3</sup> As such, co-frequency operations of other satellite operators will not be affected.

Accordingly, Intelsat respectfully requests that the Commission grant this STA request as expeditiously as possible.

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<sup>1</sup> DIRECTV has a pending application for special temporary authority to operate the DIRECTV 1R satellite’s TT&C frequencies during the drift. FCC File No. SAT-STA-20111206-00235. DIRECTV also has a pending application for authorization to operate DIRECTV 1R as an in-orbit spare at 109.8° W.L. FCC File No. SAT-LOA-20111205-00233. The technical information related to TT&C functions contained in DIRECTV’s applications are incorporated by reference.

<sup>2</sup> DIRECTV is also seeking a similar STA for a second earth station in Ellenwood, GA (call sign E930229).

<sup>3</sup> See FCC File No. SAT-STA-20111206-00235.