

**EXHIBIT 1**  
**REQUEST FOR SPECIAL TEMPORARY AUTHORITY**

DIRECTV Enterprises, LLC (“DIRECTV”) respectfully requests an extension of its grant of special temporary authority (“STA”)<sup>1</sup> for an additional 30 days commencing September 30, 2018 to use its Littleton, Colorado earth station (Call Sign E020242) to provide telemetry, tracking, and command (“TT&C”) services for its SPACEWAY 1 satellite (Call Sign S2191) during the satellite’s drift from its previous location at 102.925° W.L. to its newly authorized location at 138.9° W.L. and to maintain the satellite at the 138.9° W.L. orbital location.<sup>2</sup> As part of this STA request, DIRECTV seeks authority to continue providing TT&C services using a somewhat higher transmitting power than what is currently authorized under the existing earth station license.

On April 25, 2018, the Commission granted DIRECTV authority to relocate SPACEWAY 1 from 102.925° W.L. to 138.9° W.L. and to conduct TT&C functions related to drifting SPACEWAY 1 to, and maintaining the space station at, the 138.9° W.L. orbital location.<sup>3</sup> The drift to 138.9° W.L. began on August 6, 2018, and the drift period is expected to last approximately 60 days. DIRECTV is currently using the earth station to provide TT&C services to the SPACEWAY 1 satellite during the drift period pursuant to a 30-day grant of special temporary authority issued on August 30, 2018.<sup>4</sup> DIRECTV has separately filed a 180-day STA request to cover the remaining drift period that was placed on public notice on

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<sup>1</sup> DIRECTV has filed this STA request, an FCC Form 159, and a \$210.00 filing fee electronically via the International Bureau’s Filing System.

<sup>2</sup> See *Satellite Policy Branch Information; Actions Taken*, Report No. SAT-01313, File No. SAT-MOD-20170912-00129 (Public Notice).

<sup>3</sup> See *id.*; *Modification Request to Relocate SPACEWAY 1 to 138.9° W.L. and Extend License Term*, File No. SAT-MOD-20170912-00129, Stamp Grant (Apr. 25, 2018).

<sup>4</sup> See *30-Day STA Extension Request to Provide TT&C Services to SPACEWAY 1 During Satellite Drift (E020242)*, File No. SES-STA-20180824-02313, Stamp Grant (Aug. 30, 2018).

September 12, 2018.<sup>5</sup> Accordingly, DIRECTV respectfully submits this STA extension request for authority to use the earth station to provide TT&C services to the SPACEWAY 1 satellite for an additional 30-day period beginning September 30, 2018 while DIRECTV's 180-day STA request remains pending before the Commission. Because SPACEWAY 1 will operate on lower gain antennas for safety purposes during the drift period, DIRECTV also requests authority to continue providing TT&C services to the satellite using a somewhat higher transmitting power than what is currently authorized under the existing earth station license. Specifically, DIRECTV seeks authority to transmit at a maximum EIRP of 80 dBW and a maximum EIRP density of 55 dBW/Hz.

The range of earth station frequencies requested to provide TT&C services for SPACEWAY 1 are:

- 29501.3021 MHz and 29509.1146 MHz (T); and
- 19701.25 MHz and 19702.25 MHz (R).

The drift operations will continue to be coordinated with all operators of satellites that use the same frequency bands and are in the drift path.<sup>6</sup> All operators of satellites in that path will be provided with an emergency phone number where the licensee can be reached in the event that harmful interference occurs. In the extremely unlikely event that harmful interference should occur due to transmissions to or from its earth station, DIRECTV will take all reasonable steps to eliminate the interference.

Grant of this STA request is in the public interest because it will facilitate the relocation of SPACEWAY 1 from 102.925° W.L. to 138.9° W.L. This, in turn, will provide additional

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<sup>5</sup> See *Satellite Communications Services; Satellite Radio Applications Accepted for Filing*, Public Notice, Report No. SES-02095, File No. SES-STA-20180809-02123 (Sept. 12, 2018).

<sup>6</sup> Intelsat License, LLC will handle the coordination.

capacity to customers at the 138.9° W.L. location, thereby promoting the public interest.

Accordingly, DIRECTV respectfully requests that the Commission grant this request.