

**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 60 days commencing November 4, 2020 to operate its T15 satellite (Call Sign S2930) at the 102.875° W.L orbital location.<sup>2</sup> Pursuant to Section 1.62 of the Commission’s rules, DIRECTV will continue to operate T15 at 102.875° W.L. pursuant to the terms and conditions of its existing STA pending action on this timely filed renewal request.<sup>3</sup>

T15 is permanently authorized to operate at 102.85° W.L.<sup>4</sup> DIRECTV has temporarily relocated T15 from 102.85° W.L. to 102.875° W.L. and is currently operating its T15 satellite at the 102.875° W.L. orbital location pursuant to a grant of STA.<sup>5</sup> On October 5, 2020, DIRECTV filed a space station modification application to permanently change the authorized orbital location of T15 from 102.85° W.L. to 102.875° W.L.<sup>6</sup>

At 102.875° W.L., DIRECTV will continue to operate the TT&C and communications frequencies on the T15 satellite in conformance with FCC rules and DIRECTV’s coordination agreements concerning the nominal 103° W.L. orbital location. As such, grant of this STA will not result in increased risk of harmful interference.

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

<sup>2</sup> See *Satellite Policy Branch Information; Actions Taken*, Public Notice, Report No. SAT-01502, File No. SAT-STA-20200922-00115 (Aug. 2, 2020).

<sup>3</sup> See 47 C.F.R. § 1.62.

<sup>4</sup> See *Policy Branch Information; Actions Taken*, Public Notice, Report No. SAT-01409, File No. SAT-MOD-20190625-00051 (Aug. 16, 2019). T15’s 17/24 GHz BSS band payload was originally authorized under Call Sign S2712, which was consolidated with Call Sign S2930 in September 2017.

<sup>5</sup> See *supra* n. 2.

<sup>6</sup> *DIRECTV Enterprises, LLC, Modification to Operate T15 (S2930) at 102.875 W.L.*, File No. SAT-MOD-20201005-00121 (Oct. 5, 2020).

T15's specific TT&C frequencies are as follows:

- 20198.5 MHz and 20199.5 MHz (space-to-Earth).
- 29502.5 MHz and 29505.9 MHz (Earth-to-space).

T15's communications frequencies are:

BSS

- 17300-17700 MHz (space-to-Earth).
- 24750-25150 MHz (Earth-to-space).

FSS

- 18300-18590 MHz and 19700-20200 MHz (space-to-Earth).
- 28350-28600 MHz, 29250-29290 MHz, and 29500-30000 MHz (Earth-to-space).

DIRECTV has assessed and limited the probability of the space station becoming a source of debris in accordance with 47 C.F.R. § 25.114(d)(14)(iii). Apart from T10 (Call Sign S2641)<sup>7</sup> and T12 (Call Sign S2797),<sup>8</sup> which DIRECTV will manage internally to ensure safe station-keeping, T15 will not be located at the same orbital location as another satellite or at an orbital location that has an overlapping station-keeping volume with another satellite.

DIRECTV is not aware of any other FCC-licensed system, or any other system applied for and under consideration by the FCC, having an overlapping station-keeping volume with T15 at 102.875° W.L. DIRECTV is also not aware of any other system with an overlapping station-keeping volume with T15 that is the subject of an ITU filing that is either in orbit or progressing towards launch.

Grant of this STA request will serve the public interest by improving service performance from the nominal 103° W.L. orbital location. Accordingly, DIRECTV respectfully requests that the Commission grant this extension request.

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<sup>7</sup> See *DIRECTV Enterprises, LLC, Modification to Operate T10 (S2641) at 102.8 W.L.*, File No. SAT-MOD-20201005-00119 (Oct. 5, 2020) (pending grant).

<sup>8</sup> See *DIRECTV Enterprises, LLC, Modification to Operate T12 (S2797) at 102.725 W.L.*, File No. SAT-MOD-20201005-00120 (Oct. 5, 2020) (pending grant).