

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

DIRECTV Enterprises, LLC (“DIRECTV”) respectfully requests an extension of its grant of special temporary authority (“STA”) for an additional 180 days to operate its T8 satellite (Call Sign S2632) at the 100.75° W.L. orbital location. Pursuant to Section 1.62 of the Commission’s rules, DIRECTV will continue to operate T8 at 100.75° W.L. pursuant to the terms and conditions of its existing STA<sup>1</sup> pending action on this timely filed renewal request.<sup>2</sup>

T8 is permanently licensed to operate at 100.85° W.L.<sup>3</sup> On September 27, 2018, the Commission granted DIRECTV special temporary authority to drift T8 from 100.85° W.L. to 100.75° W.L. and to operate the satellite at 100.75° W.L.<sup>4</sup> The relocation of T8 to 100.75° W.L., which was completed on October 10, 2018, was made to accommodate the temporary relocation of DIRECTV’s T15 satellite (Call Sign S2930) from 102.75° W.L. to 100.85° W.L.<sup>5</sup> T15 has since been relocated to 102.85° W.L.,<sup>6</sup> and DIRECTV’s recently launched T16 satellite (Call Sign S3039) has been successfully placed into orbit at the 100.85° W.L. orbital location.<sup>7</sup> By

---

<sup>1</sup> See *Satellite Policy Branch Information; Actions Taken*, Public Notice, Report No. SAT-01401, File No. SAT-STA-20190521-00040 (July 12, 2019).

<sup>2</sup> See 47 C.F.R. § 1.62.

<sup>3</sup> See *Policy Branch Information; Actions Taken*, Public Notice, Report No. SAT-01088, File No. SAT-MOD-20150304-00009 (May 29, 2015); *Policy Branch Information; Actions Taken*, Public Notice, Report No. SAT-00431, File Nos. SAT-AMD-20070111-00010, SAT-MOD-20061213-00151 (Mar. 30, 2007). T8’s Ka-band payload was originally authorized under Call Sign S2132, which was consolidated with Call Sign S2632 in September 2017.

<sup>4</sup> See *30-Day STA Request to Relocate T8 (Call Sign S2632)*, File No. SAT-STA-20180921-00074 (granted Sept. 27, 2018); see also *30-Day STA Extension Request to Relocate T8 (Call Sign S2632)*, File No. SAT-STA-20181018-00080 (granted Nov. 1, 2019); *180-Day STA Request to Operate T8 (Call Sign S2632) at 100.75 WL*, File No. SAT-STA-20180928-00077 (granted Nov. 28, 2019); *180-Day STA Extension Request to Operate T8 (Call Sign S2632) at 100.75 WL*, File No. SAT-STA-20190521-00040 (granted July 10, 2019).

<sup>5</sup> See *30-Day STA Request to Relocate T8 (Call Sign S2632)*, File No. SAT-STA-20180921-00074 (granted Sept. 27, 2018).

<sup>6</sup> See *Satellite Policy Branch Information; Actions Taken*, Public Notice, Report No. SAT-01409, File No. SAT-MOD-20190625-00051 (Aug. 16, 2019).

<sup>7</sup> See Letter from Daniel P. Brooks, Counsel for DIRECTV, to Marlene H. Dortch, Secretary, FCC, File Nos. SAT-MOD-20190508-00036, SAT-RPL-20180913-00071 (Sept. 5, 2019).

this application, DIRECTV respectfully requests an extension of its current grant of STA for an additional 180 days to continue operating T8 at 100.75° W.L. until the satellite is relocated.<sup>8</sup>

While T8 is located at 100.75° W.L., DIRECTV will provide telemetry, tracking, and control (“TT&C”) using the following frequencies:

- 17307.00 MHz (Earth-to-space); and
- 12203.25 MHz and 12203.75 MHz (space-to-Earth).

Grant of this STA will not result in increased risk of harmful interference. DIRECTV will operate the communications payload of the satellite at 100.75° W.L. in conformance with FCC rules and any relevant coordination agreements.

DIRECTV has assessed and limited the probability of the space station becoming a source of debris as a result of collisions with large debris or other operational space stations. T8 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 T8 at 100.75° W.L. DIRECTV is also not aware of any other system with an overlapping station-keeping volume with T8 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 because it will extend coverage, improve service performance, and provide additional capacity to customers at the nominal 101° W.L. orbital location. Accordingly, DIRECTV respectfully requests that the Commission grant this request.

---

<sup>8</sup> DIRECTV currently anticipates relocating T8 to the 119° W.L. orbital location in 2020 based on business needs.