

EXHIBIT 1
REQUEST FOR SPECIAL TEMPORARY AUTHORITY

DIRECTV Enterprises, LLC (“DIRECTV”) respectfully requests a grant of special temporary authority (“STA”)¹ for 30 days commencing October 5, 2020 to drift its T15 satellite (Call Sign S2930) from its current location at 102.85° W.L. to 102.875° W.L. and to operate the satellite at 102.875° W.L. DIRECTV plans to file a space station modification application to permanently change the authorized orbital location of T15 from 102.85° W.L. to 102.875° W.L.

T15 is permanently authorized to operate at 102.85° W.L.² DIRECTV’s T10 satellite (Call Sign S2641) is permanently authorized to operate at 102.75° W.L.,³ and its T12 satellite (Call Sign S2797) is permanently authorized to operate at 102.8° W.L.⁴ DIRECTV is implementing certain changes to these three satellites in order to optimize broadcast signal performance for DIRECTV’s subscribers. DIRECTV plans to relocate T15 from 102.85° W.L. to 102.875° W.L. as early as October 5, 2020, and the drift period is expected to last approximately two weeks. DIRECTV also plans to relocate T12 from 102.8° W.L. to 102.725° W.L. and T10 from 102.75° W.L. to 102.8° W.L. DIRECTV is filing separate requests for special temporary authority to relocate these two satellites.

As noted above, DIRECTV plans to file a space station modification application to permanently change the authorized orbital location of T15 from 102.85° W.L. to 102.875° W.L.

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

² 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.

³ See *Satellite Policy Branch Information; Actions Taken*, Public Notice, Report No. SAT-01409, File No. SAT-MOD-20190625-00050 (Aug. 16, 2019).

⁴ See *Policy Branch Information; Actions Taken*, Public Notice, Report No. SAT-01084, File No. SAT-MOD-20150320-00013 (May 15, 2015).

DIRECTV also plans to file separate space station modification applications to permanently change the authorized orbital locations of T10 from 102.75° W.L. to 102.8° W.L. and of T12 from 102.8° W.L. to 102.725° W.L.

At 102.875° W.L. and during the drift from 102.85° W.L. to 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. In the unlikely event that any interference should occur during the drift, DIRECTV will take all reasonable steps to eliminate such interference.

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 and T12, 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 request.