

## REQUEST FOR MINOR MODIFICATION

DIRECTV Enterprises, LLC (“DIRECTV”) hereby requests a minor modification of its authorization to operate the SPACEWAY 2 space station (call sign S2133). Specifically, DIRECTV seeks to move the space station  $0.04^\circ$  – from  $99.115^\circ$  W.L. to  $99.075^\circ$  W.L. – and to reduce its East-West stationkeeping tolerance from  $\pm 0.05^\circ$  to  $\pm 0.025^\circ$  in order to accommodate the upcoming launch of the DIRECTV 14 space station, which will also operate at the same nominal orbital location.

At present, DIRECTV operates two satellites at the nominal  $99^\circ$  W.L. orbital location: DIRECTV 11 at  $99.225^\circ$  W.L.<sup>1</sup> and SPACEWAY 2 at  $99.115^\circ$  W.L.<sup>2</sup> DIRECTV 14 is currently scheduled to be launched by Arianespace in early December 2014.<sup>3</sup> DIRECTV anticipates that, after orbit-raising and in-orbit testing have been completed, the spacecraft will arrive at  $99^\circ$  W.L. in early February 2015.

DIRECTV 14 is authorized to operate at  $99.235^\circ$  W.L.<sup>4</sup> In order to make room for this additional satellite at the  $99^\circ$  W.L. location, DIRECTV proposes to relocate its two existing satellites very slightly – by  $0.04^\circ$  each – such that DIRECTV 11 would operate at  $99.185^\circ$  W.L. and SPACEWAY 2 would operate at  $99.075^\circ$  W.L., and each would reduce its East-West stationkeeping tolerance to  $\pm 0.025^\circ$ . By making these minor changes, DIRECTV will ensure that each of its satellites can operate without overlapping the operational area of any non-DIRECTV satellite.

Because moving the satellite only  $0.04^\circ$  will have a *de minimis* effect on its operations, including predicted gain contours and sample link budgets, revised contours and budgets have not been submitted. In accordance with Section 25.117(d)(1) of the Commission’s rules, DIRECTV hereby certifies that the remaining information in its station license and associated application(s) has not changed.

Accordingly, DIRECTV requests that its license for the SPACEWAY 2 space station be modified to authorize operations at  $99.075^\circ$  W.L.  $\pm 0.025^\circ$ .

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<sup>1</sup> See Grant Stamp, IBFS File No. SAT-MOD-20071010-00138 (granted Mar. 19, 2008).

<sup>2</sup> See Grant Stamp, IBFS File No. SAT-MOD-20071010-00137 (granted Mar. 19, 2008).

<sup>3</sup> See, e.g., Arianespace, “The Spaceport keeps pace with Arianespace’s busy mission cadence,” available at [http://www.arianespace.com/news-feature-story/2014/10-17-2014-combined\\_missions.asp](http://www.arianespace.com/news-feature-story/2014/10-17-2014-combined_missions.asp).

<sup>4</sup> See Grant Stamp, IBFS File No. SAT-LOA-20120518-00085 (granted Dec. 4, 2012).