

## **REQUEST FOR MINOR MODIFICATION**

DIRECTV Enterprises, LLC (“DIRECTV”) hereby requests a minor modification of its authorization to operate the DIRECTV RB-2A space station (call sign S2796). Specifically, DIRECTV seeks to move the space station 0.035° – from 102.765° W.L. to 102.8° W.L. – in order to accommodate the upcoming launch of the DIRECTV 15 space station, which will also operate at the same nominal orbital location.

At present, DIRECTV operates two satellites at the nominal 103° W.L. orbital location: DIRECTV 10 at 102.815° W.L.<sup>1</sup> and DIRECTV 12 (including the DIRECTV RB-2A payload) at 102.765° W.L.<sup>2</sup> DIRECTV 15 is currently scheduled to be launched by Arianespace on or about May 20, 2015.<sup>3</sup> DIRECTV anticipates that, after orbit-raising and in-orbit testing have been completed, the spacecraft will arrive at 103° W.L. in mid-July 2015.

DIRECTV 15 will be launched to operate at 102.75° W.L.<sup>4</sup> In order to make room for this additional satellite at the 103° W.L. location, DIRECTV proposes to relocate its two existing satellites very slightly – by 0.035° each – such that DIRECTV 10 would operate at 102.85° W.L. and DIRECTV 12/RB-2A would operate at 102.8° W.L., and each would maintain its East-West station keeping 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 0.035° 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 DIRECTV RB-2A space station be modified to authorize operations at 102.8° W.L.  $\pm 0.025^\circ$ .

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<sup>1</sup> See Grant Stamp, IBFS File No. SAT-MOD-20091009-00109 (granted Feb. 26, 2010).

<sup>2</sup> See Grant Stamps, IBFS File Nos. SAT-MOD-20090807-00085 (granted Dec. 15, 2009), SAT-LOA-20090807-00085 (granted Jan. 8, 2010).

<sup>3</sup> See Launch Schedule, SPACEFLIGHT INSIDER (available at <http://www.spaceflightinsider.com/launch-schedule/>).

<sup>4</sup> DIRECTV has been licensed for the 17/24 GHz BSS portion of this satellite at 102.85° W.L. See *DIRECTV Enterprises, LLC*, 24 FCC Rcd. 9393 (Int’l Bur. 2009), *recon. denied*, 27 FCC Rcd. 5932 (Int’l Bur. 2012). Its applications to modify that authorization to (among other things) place the satellite at 102.75° W.L. and for authority to launch and operate the Ka-FSS portion of this satellite (which also provides information on the 12/17 GHz DBS payload) are currently pending. See IBFS File Nos. SAT-MOD-20140612-00066 and SAT-LOA-20140825-00094.