

**Before the  
FEDERAL COMMUNICATIONS COMMISSION  
Washington, D.C. 20554**

In the Matter of	)	
	)	
<b>EchoStar Satellite Operating Corporation</b>	)	File No. SAT-STA-20140508-00048
	)	File No. SAT-STA-2014____-____
	)	S2741
Application for Renewal of Special Temporary Authority to Operate EchoStar 3 as an In-Orbit Spare at 61.8° W.L.	)	

**APPLICATION FOR RENEWAL  
OF SPECIAL TEMPORARY AUTHORITY**

By this Application, and pursuant to Section 25.120(b)(2) of the Commission’s rules,<sup>1</sup> EchoStar Satellite Operating Corporation (“ESOC,” and with its affiliates, “EchoStar”) hereby requests a 180-day renewal of its special temporary authority (“STA”) to operate the EchoStar 3 satellite at 61.8° W.L. as an in-orbit spare. Specifically, EchoStar requests continued authority to conduct TT&C over the following frequencies: 17301.5 MHz (command); and 12201.0 MHz, 12203.0 MHz, and 12699.0 MHz (telemetry). The current STA for the space station expires on December 20, 2014.<sup>2</sup>

EchoStar launched the EchoStar 16 satellite in November 2012 to provide additional service for its customer, DISH Network L.L.C., at the nominal 61.5° W.L. orbital location. In anticipation of the arrival of EchoStar 16 at 61.5° W.L., and to provide adequate station-keeping margins for all the satellites in the 61.5° W.L. orbital cluster,<sup>3</sup> EchoStar repositioned EchoStar 3

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<sup>1</sup> 47 C.F.R. § 25.120(b)(2).

<sup>2</sup> See *Stamp Grant*, File No. SAT-STA-20140508-00048 (granted July 29, 2014).

<sup>3</sup> EchoStar 3 has been operating at 61.8° W.L., while EchoStar 12 has been operating at 61.35° W.L. and EchoStar 16 at 61.5° W.L. EchoStar 15 had also been operating in the 61.5° W.L. cluster, but was relocated to 45.1° W.L. *Stamp Grant*, File No. SAT-MOD-20130503-00066 (granted June 20, 2013).

at 61.8° W.L. in early 2012.<sup>4</sup> Operating at 61.8° W.L. as an in-orbit spare, EchoStar 3 remains in close proximity to the 61.5° W.L. nominal orbital location and available, if needed, for repositioning within the orbital cluster to provide service. Accordingly, grant of the requested STA is in the public interest.

**I. THIS REQUEST IS IN THE PUBLIC INTEREST AND WILL NOT CAUSE HARMFUL INTERFERENCE**

The requested STA is in the public interest for the same reason EchoStar was previously granted an STA to operate EchoStar 3 as an in-orbit spare.<sup>5</sup> Grant of this application will ensure safe station-keeping margins for each satellite located at the nominal 61.5° W.L. orbital location. Further, grant of this application will not cause harmful interference because EchoStar will conduct TT&C operations with EchoStar 3 at 61.8° W.L. in accordance with the conditions imposed on the original STA grant.<sup>6</sup>

**II. WAIVER PURSUANT TO SECTION 304 OF THE ACT**

In accordance with Section 304 of the Communications Act of 1934, as amended, 47 U.S.C. § 304, EchoStar hereby waives any claim to the use of any particular frequency or use of the electromagnetic spectrum as against the regulatory power of the United States because of the previous use of the same, whether by license or otherwise.

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<sup>4</sup> *Stamp Grant*, File No. SAT-STA-20120424-00073 (granted Apr. 30, 2012).

<sup>5</sup> *See id.*

<sup>6</sup> *Id.*

### **III. CONCLUSION**

For the foregoing reasons, EchoStar respectfully requests grant of its application for renewal of its 180-day STA to operate EchoStar 3 as an in-orbit spare at 61.8° W.L.

Respectfully submitted,

/s/  
Jennifer A. Manner  
Vice President, Regulatory Affairs  
EchoStar Satellite Operating Corporation  
11717 Exploration Lane  
Germantown, MD 20879  
(301)428-5893

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