

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

In the Matter of)	
)	
DISH OPERATING L.L.C.)	
)	File No. SAT-_____
Application for Renewal of Authority to)	Call Sign S2740
Operate EchoStar 7 at 119° W.L.)	
)	
)	

**APPLICATION FOR RENEWAL OF AUTHORITY TO OPERATE
ECHOSTAR 7 AT 119° W.L.**

Pursuant to Sections 308 , 309, and 319 of the Communications Act of 1934, as amended,¹ and Part 25 of the Commission’s rules,² DISH Operating L.L.C. (“DISH”) hereby files this application³ to renew its authority to operate its Direct Broadcast Satellite (“DBS”), EchoStar 7, at the nominal 119° W.L. orbital location until April 22, 2022.

I. BACKGROUND

The Commission originally granted DISH’s predecessor in interest, EchoStar Satellite Corporation, authority to operate EchoStar 7 at the 119° W.L. orbital location on January 16, 2002 using channels 1-21.⁴ Although the *EchoStar 7 Order* does not state a license expiration

¹ 47 U.S.C. §§ 308, 309, and 319.

² 47 C.F.R. Part 25.

³ This application qualifies as a minor modification because it proposes no change to orbital location or authorized frequencies, nor will it increase the potential for interference. Rather, DISH is requesting renewal of its authority to continue to operate EchoStar 7 at the nominal 119° W.L. orbital location.

⁴ See EchoStar Satellite Corporation, *Order and Authorization*, 17 FCC Rcd. 894 (2002) (“*EchoStar 7 Order*”).

date, Section 25.121(a)(2) of the Commission's rules provides that "[l]icenses for DBS space stations not licensed as broadcast facilities will be issued for a period of 10 years."⁵ For geostationary space stations, the license term begins "on the date the licensee certifies to the Commission that the satellite has been successfully placed into orbit and that the operations of the satellite fully conform to the terms and conditions of the space station radio authorization."⁶ EchoStar 7 commenced operations at the 119° W.L. orbital location on April 22, 2002.

Because the original EchoStar 7 license expires on April 22, 2012, DISH requests a renewal of this license to continue to operate EchoStar 7 at the nominal 119° W.L. orbital location for another ten years until April 22, 2022. The current predicted end of life for the EchoStar 7 satellite, based upon the remaining fuel and projected operational parameters, is May 2022. The EchoStar 7 satellite is currently stationed at 118.8° W.L. pursuant to Special Temporary Authority.⁷ DISH's application for minor modification of authority to allow operation of the EchoStar 7 satellite at 118.8° W.L. on a permanent basis remains pending, and is hereby incorporated by reference into this renewal application.⁸ In the event that the

⁵ 47 C.F.R. § 25.121(a)(2).

⁶ *Id.* § 25.121(d)(1).

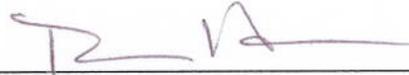
⁷ *See* Stamp Grant, File No. SAT-STA-20110804-00144 (granted Sept. 21, 2011).

⁸ *See* File Nos. SAT-MOD-20100329-00058 (filed Mar. 29, 2010); SAT-AMD-20100610-00127 (filed June 10, 2010). DISH submitted an orbital debris mitigation plan for EchoStar 7, and requested a limited waiver of the Commission's orbital debris mitigation rules because as a result of "the design of the spacecraft bus by the satellite manufacturer, . . . the small amount of oxidizer remaining in the oxidizer tanks of the spacecraft at end-of-mission cannot be vented. Instead . . . this residual oxidizer will be securely sealed using pyrotechnic valves upon the completion of the satellite's transfer to its disposal orbit, and stored under conditions that would make even a leak extremely unlikely, and an accidental, post-mission explosion more unlikely still." File No. SAT-AMD-20100610-00127, Narrative at 3 (filed June 10, 2010).

DECLARATION OF DARREN HAMILTON

I, Darren Hamilton, hereby declare under penalty of perjury under the laws of the United States that the foregoing is true and correct to the best of my knowledge.

Executed on January 24, 2012.



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