

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

	) File No. SES-STA-20110525-00622
	) File No. SES-STA-_____ - _____
In the Matter of	) Call Sign E050017
	)
<b>ECHOSTAR BROADCASTING CORPORATION</b>	) File No. SES-STA-20110525-00623
	) File No. SES-STA-_____ - _____
Application for Renewal of Special	) Call Sign E070273
Temporary Authority to Operate Three	)
Transmit/Receive Earth Stations with	) File No. SES-STA-20110525-00624
EchoStar 6 at 76.95° W.L.	) File No. SES-STA-_____ - _____
	) Call Sign E980081
	)

**APPLICATION FOR RENEWAL OF SPECIAL TEMPORARY AUTHORITY**

By this Application,<sup>1</sup> and pursuant to Section 25.120(a)(3),<sup>2</sup> EchoStar Broadcasting Corporation (“EBC”) requests renewal of its special temporary authority (“STA”) to operate three earth stations with the EchoStar 6 satellite at 76.95° W.L. as follows: (1) to operate two transmit/receive earth stations (Call Signs E070273 and E980081) to provide only telemetry, tracking, and control (“TT&C”); and (2) to operate one transmit/receive earth station (Call Sign

---

<sup>1</sup> On May 26, 2011, the Commission granted EBC’s parent company, EchoStar Corporation (“EchoStar”), consent to assign the earth stations that are the subject of this request and all associated authorizations to EBC on a pro forma basis. *See* Stamp Grant, File No. SES-ASG-20110228-00554 (granted May 26, 2011). On May 27, 2011, the Commission granted EBC’s sister company, EchoStar Satellite Operating Corporation, STA to operate EchoStar 6 at 76.95° W.L. for the remainder of the STA granted to EchoStar (“Satellite STA Application”). *See* Stamp Grant, File No. SAT-STA-20110525-00098 (granted May 27, 2011).

<sup>2</sup> 47 C.F.R. § 25.120(b)(3).

E050017) to provide both TT&C and feeder link communications. The current STA for the earth stations expire on June 10, 2011<sup>3</sup> and June 6, 2011.<sup>4</sup>

EchoStar 6 arrived at the 76.95° W.L. orbital location on February 13, 2011, and began providing service on February 14, 2011. The relocation was prompted by a single event upset (“SEU”) that temporarily affected the EchoStar 8 satellite.<sup>5</sup> On March 14, 2011, EchoStar filed an application to transfer EchoStar 6 to QuetzSat, S. de R.L. de C.V. (“QuetzSat”), which will operate the satellite under Mexican authority from the 76.95° W.L. orbital location.<sup>6</sup> EchoStar also filed an application (“Blanket Earth Station Application”) to modify its blanket earth station authorization to provide service from the Mexican-licensed EchoStar 6 satellite.<sup>7</sup> This renewal STA request is necessary to allow the continued operation of EchoStar 6 while these applications remain pending.<sup>8</sup>

---

<sup>3</sup> Stamp Grant, File No. SES-STA-20110525-00623, Call Sign E070273 (granted May 27, 2011); Stamp Grant, File No. SES-STA-20110525-00624, Call Sign E980081 (granted May 27, 2011).

<sup>4</sup> See Stamp Grant, File No. SES-STA-20110525-00622, Call Sign E050017 (granted May 27, 2011).

<sup>5</sup> See Letter from Petra A. Vorwig, Counsel for EchoStar Corporation, to Marlene H. Dortch, Secretary, FCC, *filed in* File No. SAT-T/C-20090217-00026 (Feb. 1, 2011).

<sup>6</sup> See File No. SAT-T/C-20110314-00054 (filed Mar. 14, 2011). That application was filed subject to the then-pending *pro forma* assignment of the satellite to EchoStar Satellite Operating Corporation. See File No. SAT-ASG-20110224-00033 (granted Apr. 21, 2011).

<sup>7</sup> See File No. SES-MFS-20110314-00288 (filed Mar. 14, 2011) (“Blanket Earth Station Application”). See also File Nos. SES-MFS-20110314-00291, SES-MFS-20110314-00290, SES-MFS-20110314-00289 (modifying the above referenced earth station licenses). These applications were filed subject to the proposed *pro forma* assignment.

<sup>8</sup> The Mexican concessionaire for the 77° W.L. orbital location informed COFETEL of EchoStar 6’s relocation, and COFETEL “expressed no objection to placement of the Echo 6 satellite in the 77 W cluster.” See Letter from Ricardo Ríos Ferrer, Legal Representative, QuetzSat, S. de R.L. de C.V., to EchoStar Satellite Service LLC (Feb. 4, 2011), *filed in* File No. SAT-STA-20110207-00026, Attachment 2.

## **I. BACKGROUND**

The nominal 77° W.L. orbital location is allotted to Mexico under the Region 2 Broadcasting-Satellite Service plan set forth in Appendices 30 and 30A to the International Radio Regulations. In addition to the EchoStar 6 satellite, EchoStar currently operates three Direct Broadcast Satellites (“DBS”) at the nominal 77° W.L. orbital location under Mexican authority issued to its partner, QuetzSat: EchoStar 1, EchoStar 4, and EchoStar 8. The satellites are used by EchoStar’s customers, DISH Network L.L.C. (“DISH”) and DISH Mexico, to provide DBS service in the United States and Mexico, respectively. The U.S. service includes local-into-local programming in a number of markets in the southern United States.

EchoStar 6, operating with EchoStar 1 and EchoStar 8 at 77° W.L., provides sufficient capacity to avoid service disruptions from that slot in the event any of the satellites experience a problem. EchoStar 1, a satellite launched in December 1995, has limited capability (only up to 16 transponders), and EchoStar 4, having reached the end of its design life, has been retired from commercial service.

## **II. GRANT OF THIS APPLICATION IS IN THE PUBLIC INTEREST**

This STA request is in the public interest for the reasons set forth in the Satellite STA Application and the Blanket Earth Station Application, which are incorporated herein by reference. Furthermore, grant of this application will ensure the continued safe operation of EchoStar 6 at the 76.95° W.L. orbital location. Grant of this application will not cause harmful interference because EBC will operate the earth stations to conduct TT&C operations and feeder

