

S2232 SAT-STA-20110401-00067 IB2011000995  
EchoStar Corporation  
EchoStar 6

Date & Time Filed: Apr 1 2011 5:59:54:720PM  
File Number: SAT-STA-20110401-00067  
Callsign:

Approved by OMB  
3060-0678

File # SAT-STA-20110401-00067  
Call Sign S2232 Grant Date 04/07/11  
(or other identifier) Term Dates Period of  
From 04/12/11 To: 60 days

Approved: *Stephen J. Duall*  
Stephen J. Duall  
Chief, Satellite Policy Branch



FEDERAL COMMUNICATIONS COMMISSION  
APPLICATION FOR SPACE STATION SPECIAL TEMPORARY AUTHORITY

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APPLICANT INFORMATION

Enter a description of this application to identify it on the main menu:  
Renewal of Special Temporary Authority to Operate EchoStar 6 at 76.95 W.L.

I. Applicant

Name:	EchoStar Corporation	Phone Number:	202-293-0981
DBA Name:		Fax Number:	
Street:	100 Inverness Terrace East	E-Mail:	
City:	Englewood	State:	CO
Country:	USA	Zipcode:	80112 -
Attention:	Alison Minca		

Attachment to Grant  
EchoStar Corporation  
IBFS File No. SAT-STA-20110401-00067  
Call Sign S2232  
April 7, 2011

EchoStar Corporation is granted special temporary authority to continue operating the EchoStar 6 space station (Call Sign S2232) at the 76.95° W.L. orbital location for a period of 60 days commencing on April 12, 2011. Operations pursuant to this authorization shall be in accordance with conditions imposed as part of EchoStar Corporation's initial authorization to operate EchoStar 6 at this orbital location, granted on February 11, 2011. IBFS File No. SAT-STA-20110207-00026.



\*with conditions

File # SAT- STA- 20110401- 00067

Call Sign S2232 Grant Date 04/07/11

(or other identifier)

Term Dates period of  
60 days

From 04/12/11

To: 60 days

Approved: \_\_\_\_\_

*Stephen J. Duall*

Stephen J. Duall  
Chief, Satellite Policy Branch

2. Contact

<b>Name:</b>	Pantelis Michalopoulos	<b>Phone Number:</b>	202-429-6494
<b>Company:</b>	Septioe & Johnson LLP	<b>Fax Number:</b>	
<b>Street:</b>	1330 Connecticut Ave. NW	<b>E-Mail:</b>	
<b>City:</b>	Washington	<b>State:</b>	DC
<b>Country:</b>	USA	<b>Zipcode:</b>	20036
<b>Attention:</b>		<b>Relationship:</b>	Legal Counsel

(If your application is related to an application filed with the Commission, enter either the file number or the IB Submission ID of the related application. Please enter only one.)

3. Reference File Number SATSTA2011022500036 or Submission ID

- 4a. Is a fee submitted with this application?
- If Yes, complete and attach FCC Form 159. If No, indicate reason for fee exemption (see 47 C.F.R. Section 1.1114).
  - Governmental Entity
  - Noncommercial educational licensee
  - Other (please explain):

4b. Fee Classification

5. Type Request

- Change Station Location
- Extend Expiration Date
- Other

6. Temporary Orbit Location

76.95 W.L.

7. Requested Extended Expiration Date

2011-06-10 00:00:00.0

8. Description (If the complete description does not appear in this box, please go to the end of the form to view it in its entirety.)

EchoStar Corporation requests renewal of its Special Temporary Authority to operate the EchoStar 6 satellite at 76.95 W.L. See attached narrative.

9. By checking Yes, the undersigned certifies that neither applicant nor any other party to the application is subject to a denial of Federal benefits that includes FCC benefits pursuant to Section 5301 of the Anti-Drug Act of 1988, 21 U.S.C. Section 862, because of a conviction for possession or distribution of a controlled substance. See 47 CFR 1.2002(b) for the meaning of "party to the application" for these purposes.  Yes  No

10. Name of Person Signing  
Alison Minea

11. Title of Person Signing  
Corporate Counsel

12. Please supply any need attachments.

Attachment 1: Narrative	Attachment 2:	Attachment 3:
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WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND / OR IMPRISONMENT  
(U.S. Code, Title 18, Section 1001), AND/OR REVOCATION OF ANY STATION AUTHORIZATION  
(U.S. Code, Title 47, Section 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, Section 503).

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**THE FOREGOING NOTICE IS REQUIRED BY THE PAPERWORK REDUCTION ACT OF 1995, PUBLIC LAW 104-13, OCTOBER 1, 1995, 44 U.S.C. SECTION 3507.**

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

_____	)	
In the Matter of	)	
	)	Call Sign S2232
<b>ECHOSTAR CORPORATION</b>	)	
	)	File No. SAT-STA-2011_____
Application to Renew its Special Temporary	)	File No. SAT-STA-20110225-00036
Authority to Operate EchoStar 6 at 76.95° W.L.	)	File No. SAT-STA-20110207-00026
_____	)	
	)	

**APPLICATION TO RENEW SPECIAL TEMPORARY AUTHORITY**

By this Application, EchoStar Corporation (“EchoStar”)<sup>1</sup> requests renewal of its Special Temporary Authority (“STA”),<sup>2</sup> under Section 25.120(b)(3),<sup>3</sup> for an additional 60 days to operate the EchoStar 6 satellite from the 76.95° W.L. orbital location. The current STA expires on April 11, 2011.<sup>4</sup>

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<sup>1</sup> On February 24, 2011, EchoStar Corporation filed an application requesting consent to the *pro forma* assignment of its authorization to operate the EchoStar 6 satellite (Call Sign S2232) and the associated special temporary authority to operate the satellite at 76.95° W.L. to EchoStar Satellite Operating Corporation. File No. SAT-ASG-20110224-00033 (filed Feb. 24, 2011). EchoStar requests that, in the event this STA request is granted prior to consummation of the *pro forma* assignment, that EchoStar be authorized to assign any authority granted in response to this request on a *pro forma* basis to EchoStar Satellite Operating Corporation.

<sup>2</sup> In conjunction with this application, EchoStar is filing an application to renew its STA to operate three transmit/receive earth stations to provide TT&C and feeder link service to EchoStar 6 while it is located at 76.95° W.L.

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

<sup>4</sup> File No. SAT-STA-20110225-00036 (granted Mar. 1, 2011). The technical parameters of the satellite and its operations were provided in the Technical Annex and Schedule S submitted with the original application. See File No. File No. SAT-STA-20110207-00026 (filed Feb. 7, 2011).

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 the satellite 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 to modify its blanket earth station authorization to provide service from the Mexican-licensed EchoStar 6 satellite.<sup>7</sup> This request is necessary to allow EchoStar to continue operating EchoStar 6 while these applications remain pending.

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.”<sup>8</sup>

## **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 Satellite (“DBS”) service satellites at the nominal 77° W.L. orbital location under Mexican authority issued to its partner, QuetzSat, S. de R.L. de C.V. (“QuetzSat”):

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<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).

<sup>7</sup> See File No. SES-MFS-20110314-00288 (filed Mar. 14, 2011) (“Blanket Earth Station Application”).

<sup>8</sup> 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.

EchoStar 1, EchoStar 4, and EchoStar 8. The satellites are used by EchoStar's customer 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., will provide 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**

Renewal of EchoStar's STA to operate EchoStar 6 at 76.95° W.L. is in the public interest because it will continue to ensure the provision of DBS service to the United States, including the provision of local-into-local service in the southern United States, and ensure continuity of receipt of both national and local programming for the subscribers of EchoStar's customer, DISH, by providing spare capacity at 77° W.L. in the event EchoStar 1 or EchoStar 8 suffers a problem.

The continued operation of EchoStar 6 at 76.95° W.L. also will not cause harmful interference to any other U.S.-licensed satellite operator. There is no DBS orbital location in the vicinity of 77° W.L. that is assigned to the United States (the closest U.S. location is 61.5° W.L.). There will likewise be no harmful interference from the operation of an additional satellite at 76.95° W.L. into Canada's DBS allotments at 72.5° W.L. and 82° W.L. There is an existing coordination agreement between Mexico and Canada regarding the Mexican 77° W.L. orbital location and the Canadian orbital locations 82° W.L. and 72.5° W.L. EchoStar will



operate EchoStar 6 within the specifications of this coordination agreement as well as the informal operator-to-operator arrangement it has established with DIRECTV to ensure compatibility among their satellites operating at 77° W.L. and 72.5° W.L., respectively. EchoStar will also abide by the conditions imposed on the original grant.<sup>9</sup>

Finally, the continued operation of the EchoStar 6 satellite at 76.95° W.L. will not create any risk of in-orbit collision. EchoStar 6 will be maintained within +/- 0.05° east/west station-keeping, which will ensure that its station-keeping volume will not overlap with EchoStar's own satellites at 77° W.L.

### **III. 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 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.

### **IV. CONCLUSION**

For the foregoing reasons, EchoStar respectfully requests the grant of its application to renew its special temporary authority to operate EchoStar 6 at the 76.95° W.L. orbital location for an additional 60 days.

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<sup>9</sup> File No. SAT-STA-20110207-00026 (granted Feb. 11, 2011).

Respectfully submitted,

Pantelis Michalopoulos  
Petra A. Vorwig  
L. Lisa Sandoval  
**Steptoe & Johnson LLP**  
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(202) 429-3000  
*Counsel for EchoStar Corporation*

\_\_\_\_\_  
/s/  
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Corporate Counsel  
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Washington, D.C. 20005  
(202) 293-0981

April 1, 2011