

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:  
Renewal of Special Temporary Authority to Operate Call Sign E980081 with, and Provide TT&C for, EchoStar 6 at 76.95 W.L.

**1. Applicant**

|                   |                                   |                      |              |
|-------------------|-----------------------------------|----------------------|--------------|
| <b>Name:</b>      | EchoStar Broadcasting Corporation | <b>Phone Number:</b> | 202-293-0981 |
| <b>DBA Name:</b>  |                                   | <b>Fax Number:</b>   |              |
| <b>Street:</b>    | 100 Inverness Terrace East        | <b>E-Mail:</b>       |              |
| <b>City:</b>      | Englewood                         | <b>State:</b>        | CO           |
| <b>Country:</b>   | USA                               | <b>Zipcode:</b>      | 80112 -      |
| <b>Attention:</b> | Ms Alison Minea                   |                      |              |

SES-STA-20111004-01173  
E980081  
Call Sign (or other identifier) E980081 Grant Date 10-6-11  
From 10-13-11 Term Dates For 11-11-11  
Approved: Paul E. [Signature]  
With conditions

Conditions of Grant of SES-STA-20111004-01173, E980081

The request of EchoStar Broadcasting Corporation (EchoStar) for extension of special temporary authority described in IBFS File No. SES-STA-20111004-01173, is granted. Accordingly, EchoStar is authorized a 30 day extension, from October 13, 2011 to November 12, 2011, to SES-STA-20110907-01044, to conduct telemetry, tracking, and telecommand operations with EchoStar 6 space station (Call Sign S2232) at 76.95° W.L. orbital location authorized under SAT-STA-201110809-00158. This authorization shall be in accordance with the technical specifications set forth in EchoStar's application SES-MFS-20110314-00290, the Commission's rules, and is subject to the following conditions:

- 1) All operations shall be on an unprotected and non-harmful interference basis, *i.e.* EchoStar shall not cause harmful interference to, and shall not claim protection from interference caused to it by, any other lawfully operating radiocommunication station.
- 2) In the event that any harmful interference is caused as a result of operations of the EchoStar 6 satellite, EchoStar shall cease operations immediately upon notification of such an event, and shall inform the Commission immediately, in writing, of the event.
- 3) Any action taken or expense incurred as a result of operations pursuant to this special temporary authority is solely at EchoStar's own risk.
- 4) This action is issued pursuant to Section 0.261 of the Commission's rules on delegated authority, 47 C.F.R. § 0.261, and is effective immediately.
- 5) If extension of SAT-STA-20111004-00194 is not granted this authorization ends upon the date that SAT-STA-201110809-00158 expires.

SES-STA-20111004-01173

Call Sign E980081 Grant Date 10-6-11

(or other identifier)


Term Expires 11-12-11

From 10-13-11 For

Appropriate Authority Paul R. Black

**GRANTED**

International Bureau



**2. Contact**

|                   |                             |                      |                             |
|-------------------|-----------------------------|----------------------|-----------------------------|
| <b>Name:</b>      | Pantelis Michalopoulos      | <b>Phone Number:</b> | (202) 429-6494              |
| <b>Company:</b>   | Step toe & Johnson LLP      | <b>Fax Number:</b>   |                             |
| <b>Street:</b>    | 1330 Connecticut Avenue, NW | <b>E-Mail:</b>       | pmichalopoulos@step toe.com |
| <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 SESSTA2011090701044 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 CGX - Fixed Satellite Transmit/Receive Earth Station

5. Type Request

- Use Prior to Grant                       Change Station Location                       Other

6. Requested Use Prior Date

7. City Cheyenne

8. Latitude  
(dd mm ss.s h) 41 7 58.3 N

|   |  |
|---|--|
| 9. State WY   | 10. Longitude<br>(dd mm ss.s h) 104 44 9.1 W     |
| 11. Please supply any need attachments.<br>Attachment 1: Narrative                      Attachment 2:                      Attachment 3:  |  |
| 12. 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.)<br><div style="border: 1px solid black; padding: 5px; margin: 10px 0;">EchoStar Broadcasting Corporation requests renewal of its Special Temporary Authority to operate its transmit/receive earth station to provide TT&amp;C for the EchoStar 6 satellite at 76.95 W.L. See attached narrative.</div>  |  |
| 13. 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. <input checked="" type="radio"/> Yes <input type="radio"/> No |  |
| 14. Name of Person Signing<br>Alison Minea  | 15. Title of Person Signing<br>Corporate Counsel |
| WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND / OR IMPRISONMENT<br>(U.S. Code, Title 18, Section 1001), AND/OR REVOCATION OF ANY STATION AUTHORIZATION<br>(U.S. Code, Title 47, Section 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, Section 503).   |  |

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

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|   |                                 |
|---|---------------------------------|
| ) | File No. SES-STA-20110525-00622 |
| ) | File No. SES-STA-20110907-01045 |
| ) | File No. SES-STA-_____          |
| ) | Call Sign E050017               |
| ) |                                 |
| ) | File No. SES-STA-20110525-00623 |
| ) | File No. SES-STA-20110907-01046 |
| ) | File No. SES-STA-_____          |
| ) | Call Sign E070273               |
| ) |                                 |
| ) | File No. SES-STA-20110525-00624 |
| ) | File No. SES-STA-20110907-01044 |
| ) | File No. SES-STA-_____          |
| ) | Call Sign E980081               |

**APPLICATION FOR RENEWAL OF SPECIAL TEMPORARY AUTHORITY**

By this Application, and pursuant to Section 25.120(b)(4) of the Commission's rules, EchoStar Broadcasting Corporation ("EBC" and collectively with its affiliates, "EchoStar") requests renewal of its special temporary authority ("STA") to operate three earth stations with the EchoStar 6 satellite at 76.95° W.L. for 30 days 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 E050017) to provide both TT&C and feeder link communications.<sup>1</sup> The current STAs for each of the earth stations expire on October 10, 2011,<sup>2</sup> October 12, 2011,<sup>3</sup> and October 12, 2011,<sup>4</sup> respectively.

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<sup>1</sup> See 47 C.F.R. § 25.120(b)(4).

<sup>2</sup> See Stamp Grant, File No. File No. SES-STA-20110907-01046, Call Sign E070273 (granted Sept. 9, 2011).

EchoStar 6 arrived at the 76.95° W.L. orbital location on February 13, 2011 and began providing service on February 14, 2011.<sup>5</sup> The relocation was prompted by a single event upset (“SEU”) that temporarily affected the EchoStar 8 satellite.<sup>6</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>7</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>8</sup> This renewal STA request is necessary to allow the continued operation of EchoStar 6 while these applications remain pending.<sup>9</sup>

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<sup>3</sup> See Stamp Grant, File No. File No. SES-STA-20110907-01044, Call Sign E980081 (granted Sept. 12, 2011).

<sup>4</sup> See Stamp Grant, File No. File No. SES-STA-20110907-01045, Call Sign E050017 (granted Sept. 12, 2011).

<sup>5</sup> See Stamp Grant, File Nos. SAT-STA-20110207-00026 (granted Feb. 11, 2011); SAT-STA-20110225-00036 (granted Mar. 1, 2011); SAT-STA-20110401-00067 (granted Apr. 7, 2011); SAT-STA-20110608-00104 (granted June 14, 2011).

<sup>6</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>7</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>8</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 (filed Mar. 14, 2011) (requesting modifications to the referenced earth station licenses). These applications were filed subject to the proposed *pro forma* assignment of the earth station licenses to EBC. These *pro forma* assignments were consummated on May 26, 2011. See Letter from Pantelis Michalopoulos, Counsel for EchoStar Corporation and EchoStar Broadcasting Corporation, to Marlene H. Dortch, Secretary, FCC, File Nos. SES-ASG-20110228-00561, SES-ASG-20110228-00562, SES-ASG-20110228-00554 (June 3, 2011).

<sup>9</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,

## **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, two other EchoStar Direct Broadcast Satellites (“DBS”) currently operate at the nominal 77° W.L. orbital location under Mexican authority issued to EBC’s partner, QuetzSat: EchoStar 1 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).

## **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<sup>10</sup> 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

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QuetzSat, S. de R.L. de C.V., to EchoStar Satellite Services LLC (Feb. 4, 2011), File No. SAT-STA-20110207-00026, Attachment 2.

<sup>10</sup>See Stamp Grant, File No. SAT-STA-20110525-00098 (granted May 27, 2011) (granting EBC’s sister company, EchoStar Satellite Operating Corporation, STA to operate the EchoStar 6 satellite at 76.95° W.L.) (“Satellite STA Application”).



link communications while EchoStar 6 is operating at 76.95° W.L. in accordance with the conditions imposed on the original STA grant.<sup>11</sup>

### **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, EBC 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, EBC respectfully requests the grant of its application for renewal of its special temporary authority to operate two transmit/receive earth stations (Call Signs E070273 and E980081) to provide TT&C service, and to operate one transmit/receive earth station (Call Sign E050017) to provide both TT&C service and feeder link communications, for EchoStar 6 at 76.95° W.L.

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<sup>11</sup> See Stamp Grant, File Nos. SES-STA-20110207-00120; SES-STA-20110207-00121; SES-STA-20110207-00122 (granted Feb. 10, 2011).

Respectfully submitted,

/s/

Pantelis Michalopoulos  
L. Lisa Sandoval

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Corporation*

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October 4, 2011