

S2740 SAT-STA-20100219-00031  
DISH Operating L.L.C.  
EchoStar-7

IE2010000656

File # SAT-STA-2010 0219-00031  
Call Sign S2740 Grant Date 04/16/10  
(or other identifier) Term Dates period of  
From 04/16/10 To: 180 days  
Approved: *Stephen J. Duxill*  
Stephen J. Duxill  
Chief, Satellite Policy Branch

Approved by OMB  
3060-0678



\* subject to conditions

Date & Time Filed: Feb 19 2010 6:35:57:260PM  
File Number: SAT-STA-20100219-00031  
Callsign:

FEDERAL COMMUNICATIONS COMMISSION  
APPLICATION FOR SPACE STATION SPECIAL TEMPORARY AUTHORITY

FOR OFFICIAL USE ONLY

APPLICANT INFORMATION

Enter a description of this application to identify it on the main menu:  
Special Temporary Authority to Move the EchoStar 7 Satellite from 118.9 W.L. to 118.8 W.L.

I. Applicant

Name: DISH Operating L.L.C. Phone Number: 303-723-1000  
DBA Name: Fax Number: 303-723-1699  
Street: 9601 South Meridian Boulevard E-Mail:  
City: Englewood State: CO  
Country: USA Zipcode: 80112  
Attention: Linda Kinney - (202)293-0981

DISH Operating L.L.C.  
SAT-STA-20100219-00031  
Call Sign: S2740

The application of DISH Operating L.L.C. (DISH), IBFS File No. SAT-STA-20100219-00031, for special temporary authority to conduct telemetry, tracking, and telecommand (TT&C) operations necessary to relocate the EchoStar 7 space station (Call Sign S2740) from the 118.9° W.L. orbital location to the 118.8° W.L. orbital location, and to temporarily operate EchoStar 7 using its previously authorized Direct Broadcast Satellite (DBS) channels 1-21 at 118.8° W.L. is GRANTED. In addition, DISH is authorized to operate using its previously authorized DBS channels during the drift to the 118.9° W.L. orbital location. This authorization is granted in accordance with the technical specifications set forth in its application, its initial authorization (IBFS File Nos. SAT-A/O-20010810-00073, SAT-MOD-20010810-00071),<sup>1</sup> the Commission's rules, and the following conditions:

1. DISH shall coordinate all drift operations with other potentially affected in-orbit operators.
2. During the relocation of the EchoStar 7 satellite, operations shall be on a non-harmful interference basis, *i.e.*, DISH shall not cause harmful interference to any other lawfully operating radiocommunication system, and shall not claim protection from interference caused to it by any other lawfully operating radiocommunication system.
3. In the event of harmful interference during EchoStar 7's drift to 118.8° W.L., DISH shall cease operations immediately upon notification of such interference, and shall inform the Commission, in writing, immediately of such an event.
4. While at the 118.8° W.L. orbital location, EchoStar shall maintain the EchoStar 7 spacecraft with an east/west longitudinal station-keeping tolerance of +/- 0.05 degrees.
5. Any action taken or expense incurred as a result of operations pursuant to this special temporary authority is solely at DISH's own risk.
6. Grant of this authorization is without prejudice to any determination the Commission may make regarding permanent operations of the EchoStar 7 space station at the 118.8° W.L. orbital location in IBFS File No. SAT-MOD-20100329-00058.
7. DISH is afforded thirty days from the date of release of this action to decline the authorization as conditioned. Failure to respond within this period will constitute formal acceptance of the authorization as conditioned.
8. 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.



\*subject to conditions

File # SAT- STA- 20100219- 00031  
Call Sign S2740 Grant Date 04/16/10  
(or other identifier)  
Term Dates period of  
From 04/16/10 To: 180 days  
Approved: Stephen J. Dvall

Stephen J. Dvall  
Chief, Satellite Policy Branch

<sup>1</sup> Granted in EchoStar Satellite Corporation, *Order and Authorization*, 17 FCC Rcd 894 (Sat. & Rad. Div., Int'l Bur. 2002).

2. Contact

**Name:** Pantelis Micalopoulos **Phone Number:** 202-429-6494  
**Company:** Steptoe & Johnson LLP **Fax Number:** 202-429-3902  
**Street:** 1330 Connecticut Ave., NW **E-Mail:** pmichalopoulos@steptoe.com  
**City:** Washington **State:** DC  
**Country:** USA **Zipcode:** 20036 -1795  
**Attention:** **Relationship:** 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 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  
118.8 W.L.

7. Requested Extended Expiration Date

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.)

Dish Operating L.L.C. seeks Special Temporary Authority to move the EchoStar 7 satellite from 118.9 W.L. to 118.8 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  
Linda Kinney

11. Title of Person Signing  
Vice President, Law and Regulation

12. Please supply any need attachments.

Attachment 1: Narrative

Attachment 2:

Attachment 3:

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).

**FCC NOTICE REQUIRED BY THE PAPERWORK REDUCTION ACT**

The public reporting for this collection of information is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the required data, and completing and reviewing the collection of information. If you have any comments on this burden estimate, or how we can improve the collection and reduce the burden it causes you, please write to the Federal Communications Commission, AMD-PERM, Paperwork Reduction Project (3060-0678), Washington, DC 20554. We will also accept your comments regarding the Paperwork Reduction Act aspects of this collection via the Internet if you send them to [PRA@fcc.gov](mailto:PRA@fcc.gov). PLEASE DO NOT SEND COMPLETED FORMS TO THIS ADDRESS.

Remember – You are not required to respond to a collection of information sponsored by the Federal government, and the government may not conduct or sponsor this collection, unless it displays a currently valid OMB control number or if we fail to provide you with this notice. This collection has been assigned an OMB control number of 3060-0678.

**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 ) ) ) <b>DISH OPERATING L.L.C.</b> ) ) For Special Temporary Authority to Move ) EchoStar 7 to 118.8° W.L. )	File No. SAT-STA-20100219-_____
---	---------------------------------

**APPLICATION FOR SPECIAL TEMPORARY AUTHORITY**

By this application, DISH Network L.L.C. (“DISH”)<sup>1</sup> respectfully requests 180-day Special Temporary Authority (“STA”) to move EchoStar 7 from 118.9° W.L. to 118.8° W.L. within the 119° W.L. Direct Broadcast Satellite (“DBS”) orbital cluster.<sup>2</sup> Today, DISH has also applied to launch and test EchoStar 14 at 138.5° W.L. and, upon completion of testing, to relocate EchoStar 14 to the 118.9° W.L. slot.<sup>3</sup> The move is intended simply to better accommodate EchoStar 14. DISH will coordinate all drift orbit operations with other potentially affected in-orbit operators. Furthermore, the proposed move will take EchoStar 7 farther away from the satellite of the only other DBS operator at 119° W.L., DIRECTV.<sup>4</sup>

---

<sup>1</sup> On August 11, 2009, EchoStar Satellite Operating L.L.C. changed its name to DISH Operating L.L.C. See Letter from Pantelis Michalopoulos, Counsel for DISH Operating L.L.C., to Marlene H. Dortch, Secretary, FCC (Sept. 9, 2009).

<sup>2</sup> Specifically, EchoStar 7 will be handled in a station keeping box of  $\pm 0.050^\circ$  center on 118.8° W.L. The 118.8° W.L. spot is allotted to the United States under the International Radio Regulations.

<sup>3</sup> See SAT-STA-20100219-\_\_\_\_\_ (filed Feb. 19, 2010).

<sup>4</sup> At 118.8° W.L., EchoStar 7 will continue to support DISH Network’s DBS services from 119° W.L. under its license for the nominal 119° W.L. orbital location. See *In re EchoStar*

For the reasons set forth below, the move of EchoStar 7 at 118.8° W.L. will not cause harmful interference to any authorized user of the spectrum, and would be in the public interest. Accordingly, the Commission should grant the requested special temporary authority.

## **I. DISCUSSION**

EchoStar 7 is currently operating at the 118.9° W.L. orbital location. DISH has requested launch and operating authority to launch EchoStar 14 to that orbital location;<sup>5</sup> the launch is currently scheduled for March 18, 2010. DISH has also requested special temporary authority to test EchoStar 14 at the 138.5° W.L. orbital location before relocating the satellite to 118.9° W.L. Testing is expected to take approximately 30 days, after which DISH will move EchoStar 14 to 118.9° W.L. To make “room” for EchoStar 14, DISH plans to move the EchoStar 7 satellite to 118.8° W.L.

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

The Commission has a long-standing policy of granting Special Temporary Authority where such authorization will not cause harmful interference and will serve the public interest, convenience and necessity.<sup>6</sup> The slight move of EchoStar 7 to 118.8° W.L. will not cause harmful interference to any other U.S.-licensed satellite operator. DISH has a long history of coordinating with DIRECTV at the nominal 119° W.L. orbital slot, and believes that, to the extent coordination is required, it will be achieved. DISH notes that the destination slot for this

---

*Satellite Corp. Application for Minor Modification of Direct Broadcast Satellite Authorization, Launch and Operating Authority for EchoStar 7*, 17 FCC Rcd. 894, ¶1 (rel. Jan. 16, 2002)

<sup>5</sup> See File No. SAT-LOA-20090518-00053, Call Sign S2790 (filed May 18, 2009); amended by File No. SAT-AMD-20090604-00064 (filed June 4, 2009); SAT-AMD-20100212-00027 (filed Feb. 12, 2010) (“*EchoStar 14 Application*”).

<sup>6</sup> See e.g., *Newcomb Communs., Inc.*, 8 FCC Rcd. 3631, 3633 (1993); *Columbia Comms. Corp.*, 11 FCC Rcd. 8639, 8640 (1996); *Am. Tel. & Tel. Co.*, 8 FCC Rcd. 8742 (1993).

minor move is allotted to the United States under the International Radio Regulations; it is the eastern boundary of the 119° W.L. cluster. Moreover, the closest operational BSS satellite to EchoStar 7's proposed location (except other DISH satellites) is DIRECTV 7S, which is operating at 119.05° W.L. Because EchoStar 7 is moving farther away from this satellite, neither the move of EchoStar 7 to that slot nor the eventual operation there will cause any additional interference to DIRECTV 7S – indeed if anything it will decrease the risk of any interference.

The public interest is served since the move will better accommodate EchoStar 14 at 118.9° W.L. As for the physical proximity of the satellite to any other spacecraft, Anik F3 is located at 118.7° W.L. DISH will coordinate the move and stationkeeping of EchoStar 7 with Anik F3's operator, Telesat Canada. DISH also has engaged in coordination with Telesat in the past, (indeed it uses the Anik F3 Ku-band payload) and anticipates that coordination can easily be achieved in this case.

DISH accordingly seeks authority to move EchoStar 7 to the 118.8° W.L. orbital location subject to the following conditions:

- a) DISH shall coordinate all drift orbit TT&C operations with other potentially affected in-orbit operators.
- b) During relocation of the EchoStar 7 satellite, operations shall be on a non-harmful interference basis, meaning that DISH shall not cause interference to, and shall not claim protection from interference caused to it by any other lawfully operating satellites.
- c) In the event that any harmful interference is caused as a result of operations during the relocation of the EchoStar 7 satellite or while the satellite is at 118.8° W.L., DISH shall cease operations immediately upon notification of such interference and shall inform the Commission immediately, in writing, of such event.



