

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:
Renewal of 180-Day STA to Operate Call Sign E020248 with, and Provide TT&C for, EchoStar 3 at 61.8 W.L.

1. Applicant


Name: EchoStar Broadcasting 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:

File: SES-STA-20140106-00009
E020248 Grant Date: 2-11-14
Form Dates To: 9-16-14
Approved: [Signature] [Signature]
International Bureau

Applicant: EchoStar Broadcasting Corporation
Call Sign: E020248
File No.: SES-STA-20140106-00009
Special Temporary Authority (STA)

EchoStar Broadcasting Corporation is granted extension, under the following conditions, STA to use its earth station, Call Sign E020248, to perform command and range test of emergency TT & C operations with EchoStar 3 (S2741) satellite at orbital location 61.8° W.L using frequencies: 17301.5 MHz (command), 12201.0 MHz, 12203.0 MHz, and 12699.0 MHz (telemetry).

All operations shall be on an unprotected and non-harmful interference basis, EchoStar Broadcasting Corporation, E020248, shall not cause harmful interference to, and shall not claim protection from, interference caused to it by any other lawfully operating station and it shall cease transmission(s) immediately upon notice of such interference.

 GRANTED International Bureau	File # <u>SES-STA-20140106-00009</u>
	Call Sign _____ Grant Date <u>3-11-14</u> (or other identifier)
	From <u>3-11-14</u> Term Dates To: <u>9-10-14</u>
	Approved: <u>[Signature]</u>

2. Contact	
Name:	Pantelis Michalopoulos
Company:	Step toe & Johnson LLP
Street:	1330 Connecticut Ave. NW
City:	Washington
Country:	USA
Attention:	
Phone Number:	202-429-6494
Fax Number:	
E-Mail:	pmichalopoulos@step toe.com
State:	DC
Zipcode:	20036 -1795
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 <u>SESSTA2013051400389</u> or Submission ID	
4a. Is a fee submitted with this application?	
<input checked="" type="radio"/> If Yes, complete and attach FCC Form 159. If No, indicate reason for fee exemption (see 47 C.F.R. Section 1.1114).	
<input type="radio"/> Governmental Entity <input type="radio"/> Noncommercial educational licensee	
<input type="radio"/> Other (please explain):	
4b. Fee Classification <u>CGX</u> - Fixed Satellite Transmit/Receive Earth Station	
5. Type Request	
<input type="radio"/> Use Prior to Grant <input type="radio"/> Change Station Location <input checked="" type="radio"/> Other	
6. Requested Use Prior Date	
7. City <u>Blackhawk</u>	
8. Latitude (dd mm ss.s h) <u>44 11 14.2 N</u>	

9. State SD	10. Longitude (dd mm ss.s h) 103 20 7.5 W
11. Please supply any need attachments. 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.) EchoStar Broadcasting Corporation requests renewal of its 180-day Special Temporary Authority to operate its transmit/receive earth station, Call Sign E020248, to provide TT&C for the EchoStar 3 satellite, Call Sign S2741, at 61.8 W.L. Specifically, EchoStar requests continued authority to conduct TT&C over the following frequencies - 17301.5 MHz	
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 Jennifer A. Manner	15. Title of Person Signing Vice President, Regulatory Affairs, EchoStar Corp.
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.

12. Description

EchoStar Broadcasting Corporation requests renewal of its 180-day Special Temporary Authority to operate its transmit/receive earth station, Call Sign E020248, to provide TT&C for the EchoStar 3 satellite, Call Sign S2741, at 61.8 W.L. Specifically, EchoStar requests continued authority to conduct TT&C over the following frequencies - 17301.5 MHz (command), and 12201.0 MHz, 12203.0 MHz, and 12699.0 MHz (telemetry). See attached narrative.

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

)	
In the Matter of)	File No. SES-STA-20130514-00390
ECHOSTAR BROADCASTING CORPORATION)	File No. SES-STA-2014 ____ - ____
Applications for Renewal of Special)	Call Sign E010242
Temporary Authority to Operate Two)	File No. SES-STA-20130514-00389
Transmit/Receive Earth Stations with)	File No. SES-STA-2014 ____ - ____
EchoStar 3 at 61.8° W.L.)	Call Sign E020248
)	

**APPLICATIONS FOR RENEWAL OF
SPECIAL TEMPORARY AUTHORITY**

By these Applications, and pursuant to Section 25.120(b)(2) of the Commission’s rules,¹ EchoStar Broadcasting Corporation (“EBC,” and with its affiliates, “EchoStar”) requests renewal of its special temporary authority (“STA”) to operate two transmit/receive earth stations (Call Signs E010242 and E020248) to provide only telemetry, tracking, and control (“TT&C”) for the EchoStar 3 satellite at 61.8° W.L. for 180 days. Specifically, EchoStar requests continued authority to conduct TT&C over the following frequencies: 17301.5 MHz (command); and 12201.0 MHz, 12203.0 MHz, and 12699.0 MHz (telemetry). The current STAs for each of the earth stations to provide TT&C for EchoStar 3 at 61.8° W.L. expire on February 15, 2014.²

EchoStar launched the EchoStar 16 satellite in November 2012 to provide additional capacity for its customer, DISH Network L.L.C., at the nominal 61.5° W.L. orbital location. In anticipation of the arrival of EchoStar 16 at 61.5° W.L., and to provide adequate station-keeping

¹ See 47 C.F.R. § 25.120(b)(2).

² See Stamp Grant, File Nos. SES-STA-20130514-00390, Call Sign E010242 (granted Aug. 19, 2013); SES-STA-20130514-00389, Call Sign E020248 (granted Aug. 19, 2013).

margins for all the satellites in the 61.5° W.L. orbital cluster,³ EchoStar repositioned EchoStar 3 to 61.8° W.L. in early 2012.⁴ Operating at 61.8° W.L. as an in-orbit spare, EchoStar 3 remains in close proximity to the 61.5° W.L. nominal orbital location and available, if needed, for repositioning within the orbital cluster to provide service.⁵ Accordingly, grant of the requested STAs is in the public interest.

I. THIS REQUEST IS IN THE PUBLIC INTEREST AND WILL NOT CAUSE HARMFUL INTERFERENCE

The requested STAs are in the public interest for the same reason EchoStar was initially granted STA to operate these earth stations with EchoStar 3 at 61.8° W.L.⁶ Grant of this application will ensure continued safe station-keeping margins for each of the satellites that are located at the nominal 61.5° W.L. orbital location. Moreover, grant of this application will not cause harmful interference because EchoStar will conduct TT&C operations with EchoStar 3 at 61.8° W.L. in accordance with the conditions imposed on the original STA grant.⁷

II. 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 use

³ EchoStar 3 has been operating at 61.8° W.L. while EchoStar 12 has been operating at 61.35° W.L. and EchoStar 16 at 61.5° W.L. EchoStar 15 previously operated at 61.65° W.L., but has since been relocated to the 45° W.L. cluster.

⁴ Stamp Grant, File No. SAT-STA-20120424-00073, Call Sign S2741 (granted Apr. 30, 2012).

⁵ With the relocation of EchoStar 15 to the 45° W.L. cluster, Stamp Grant, SAT-MOD-20130503-00066, Call Sign S2811 (granted June 20, 2013), EchoStar is evaluating spare capacity requirements for the 61.5° W.L. cluster. As part of these considerations, EchoStar is considering its options for bringing EchoStar 3 back within the 61.5° W.L. orbital cluster.

⁶ See Stamp Grant, File Nos. SES-STA-20120424-00384, Call Sign E010242 (granted May 1, 2012); SES-STA-20120424-00386, Call Sign E020248 (granted May 1, 2012).

⁷ See Stamp Grant, File Nos. SES-STA-20120424-00384, Call Sign E010242 (granted May 1, 2012); SES-STA-20120424-00386, Call Sign E020248 (granted May 1, 2012).

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.

III. CONCLUSION

For the foregoing reasons, EchoStar respectfully requests the grant of its application for renewal of its 180-day special temporary authority to operate two transmit/receive earth stations (Call Signs E010242 and E020248) to provide TT&C for EchoStar 3 at 61.8° W.L.

Respectfully submitted,

/s/
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January 6, 2014