

SAT-STA-20161207-00126 IB2016002642
EchoStar Satellite Operating Corporation
EchoStar 3



File # SAT-STA-20161207-00126
Call Sign S2741 Grant Date 01/26/17
(or other identifier)
Term Dates period of
From 12/17/16 To: 180 days
Approved: *Stephen J. Duall*
Stephen J. Duall
Chief, Satellite Policy Branch

Approved by OMB
3060-0678

Date & Time Filed: Dec 7 2016 1:38:01:290PM
File Number: SAT-STA-20161207-00126
Callsign:

*with conditions

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 180-day STA to Operate EchoStar 3 at 61.8 W.L.

1. Applicant

Name:	EchoStar Satellite Operating Corporation	Phone Number:	301-428-5893
DBA Name:		Fax Number:	
Street:	100 Inverness Terrace East	E-Mail:	jennifer.manner@echostar.com
City:	Englewood	State:	CO
Country:	USA	Zipcode:	80112 -
Attention:	Jennifer A Manner		

ATTACHMENT TO GRANT
EchoStar Satellite Operating Corporation
IBFS File No. SAT-STA-20161207-00126

IBFS File No(s):	SAT-STA-20161207-00126	<p>GRANTED – With Conditions</p>  <p>International Bureau Satellite Division</p>
Licensee/Grantee:	EchoStar Satellite Operating Corporation	
Call Sign:	S2741	
Satellite Name:	EchoStar 3	
Orbital Location: (required station-keeping tolerance)	61.8° W.L. (+/- 0.05 degrees)	
Administration:	United States of America	
Nature of Service:	Direct Broadcast Service	
Scope of Grant:	EchoStar is authorized for 180-days to continue to conduct telemetry, tracking, and command operations necessary to maintain the EchoStar 3 space station as an in-orbit spare at the 61.8° W.L. orbital location.	
Service Area(s):	N/A	
Frequencies:	17.3015 GHz (Earth-to-space), and 12.201 GHz, 12.203 GHz, and 12.699 GHz (space-to-Earth)	
<p>Unless otherwise specified herein, operations under this grant must comport with the legal and technical specifications set forth by the applicant or petitioner and with Federal Communication Commission's rules not waived herein. This grant is also subject to the following conditions:</p> <ol style="list-style-type: none"> 1. All operations under this grant of special temporary authority must be on an unprotected and non-harmful interference basis. EchoStar must not cause harmful interference to, and must not claim protection from interference caused to it by, any other lawfully operating radio communication system. 2. In the event of any harmful interference as a result of operations under this grant of special temporary authority, EchoStar must cease operations immediately upon notification of such interference, and must inform the Commission, in writing, immediately of such an event. 3. Any action or expense incurred as a result of operations pursuant to this grant of special temporary authority is at EchoStar's own risk. 		
<p>Licensee/grantee is afforded thirty (30) days from the date of release of this action to decline the grant as conditioned. Failure to respond within this period will constitute formal acceptance of the grant as conditioned.</p> <p>This action is taken pursuant to Section 0.261 of the Commission's rules on delegated authority, 47 C.F.R. § 0.261, and is effective upon release.</p> <p>Station licenses are subject to the conditions specified in Section 309(h) of the Communications Act of 1934, as amended, 47 U.S.C. § 309(h).</p>		
Action Date:	January 26, 2017	
Term Dates	From: December 17, 2016	To: Period of 180 days
Approved:	 Stephen J. Duall Chief, Satellite Policy Branch	

2. Contact

Name:	Jennifer A. Manner	Phone Number:	301-428-5893
Company:	EchoStar Satellite Operating Corporation	Fax Number:	
Street:	11717 Exploration Lane	E-Mail:	jennifer.manner@echostar.com
City:	Germantown	State:	MD
Country:	USA	Zipcode:	20876 -
Attention:		Relationship:	

(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 SATSTA2016060300055 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 CRY - Space Station (Geostationary)

5. Type Request

- Change Station Location Extend Expiration Date Other

6. Temporary Orbit Location
61.8

7. Requested Extended Expiration Date
2017-06-14 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.)

Seeking a 180-day renewal of its STA to operate the EchoStar 3 satellite at 61.8. W.L. as an in-orbit spare. 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
Jennifer A. Manner

11. Title of Person Signing
Senior Vice President, Regulatory Affairs

12. Please supply any need attachments.

Attachment 1: STA Renewal Request

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

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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.

**REQUEST FOR RENEWAL OF SPECIAL TEMPORARY AUTHORITY
(Response to Question 8 of FCC Form)**

Pursuant to Section 25.120(b)(2) of the Commission's rules,¹ EchoStar Satellite Operating Corporation (together with its affiliates, "EchoStar") hereby requests a 180-day renewal of its special temporary authorization ("STA") to operate the EchoStar 3 satellite at 61.8° W.L. as an in-orbit spare. Specifically, EchoStar requests continued authority to conduct TT&C using the following frequencies: 17301.5 MHz (command); and 12201.0 MHz, 12203.0 MHz, and 12699.0 MHz (telemetry). The current STA expires on December 16, 2016.²

EchoStar launched the EchoStar 16 satellite in November 2012 to provide additional service 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 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 available, if needed, for repositioning within the nominal 61.5° W.L. orbital cluster to provide service. Accordingly, grant of the requested STA renewal is in the public interest.

The requested STA renewal is in the public interest for the same reasons that the Commission granted the existing STA.⁵ Specifically, grant of this application will ensure safe station-keeping margins for each satellite located at the nominal 61.5° W.L. orbital location.

¹ 47 C.F.R. § 25.120(b)(2).

² See Stamp Grant, File No. SAT-STA-20160603-00055 (granted July 27, 2016).

³ EchoStar 18 and EchoStar 16 are providing service at 61.35° W.L., and 61.5° W.L., respectively. Additionally, EchoStar 3, EchoStar 12, and EchoStar 15 are operating at 61.8° W.L., 61.2° W.L., and 61.65° W.L., respectively, as in-orbit spares.

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

⁵ See *id.*

Further, 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.⁶

⁶ *See id.*