

S2741 SAT-STA-20150514-00036 IB2015000934
EchoStar Satellite Operating Corporation
EchoStar 3



File # SAT-STA-20150514-00036
Call Sign S2741 Grant Date 07/09/15
(or other identifier) see
Term Dates conditions
From 06/20/15 To:
Approved: Stephen J. Dwall

Approved by OMB
3060-0678

Date & Time Filed: May 14 2015 9:35:33:593AM
File Number: SAT-STA-20150514-00036
Callsign:

*with conditions

Stephen J. Dwall
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 180-day Special Temporary Authority 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		

EchoStar Satellite Operating Corporation
IBFS File No. SAT-STA-20150514-00036
Call Sign S2741

The application of EchoStar Satellite Operating Corporation (EchoStar) for special temporary authority, IBFS File No. SAT-STA-20150514-00036, is granted. Accordingly, EchoStar is authorized, for a period of 180 days commencing on June 20, 2015, to continue to conduct telemetry, tracking, and command operations sufficient to maintain the EchoStar 3 space station (Call Sign S2741) as an in-orbit spare at the 61.8° W.L. orbital location. All operations of the EchoStar 3 space station must be in accordance with the technical specifications set forth in EchoStar's application, Federal Communications Commission's rules, and the conditions set forth below.

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. EchoStar must maintain the EchoStar 3 space station with an east/west longitudinal station-keeping tolerance of ± 0.05 degrees of the 61.8° W.L. orbital location.
4. Any action or expense incurred as a result of operations pursuant to this grant of special temporary authority is at EchoStar's own risk.
5. This grant of STA to operate EchoStar 3 as an in-orbit spare at 61.8° W.L. terminates without any further action by the Commission upon EchoStar relocating EchoStar 3 to another orbital location.
6. EchoStar is afforded 30 days from the date of release to decline this authorization as conditioned. Failure to respond within this period will constitute formal acceptance of the authorization as conditioned.
7. 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 upon release.

 GRANTED* International Bureau *with conditions	File # <u>SAT-STA-20150514-00036</u>
	Call Sign <u>S2741</u> Grant Date <u>07/09/15</u> (or other identifier)
	Term Dates see From <u>06/20/15</u> To: <u>conditions</u>
	Approved: <u>Stephen J. Duall</u> Stephen J. Duall Chief, Satellite Policy Branch

2. Contact

Name:	Jesse Jachman	Phone Number:	301-428-5975
Company:	EchoStar Satellite Operating Corporation	Fax Number:	301-428-2818
Street:	11717 Exploration Lane	E-Mail:	jesse.jachman@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 SATSTA2014102700114 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
2015-12-16 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 Satellite Operating Corporation requests a 180-day renewal of its 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 over the following frequencies

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
Jesse Jachman

11. Title of Person Signing
Senior Counsel, Regulatory Affairs

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).

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

In the Matter of)	
)	
EchoStar Satellite Operating Corporation)	File No. SAT-STA-20141027-00114
)	File No. SAT-STA-2015 ____ - ____
)	S2741
Application for Renewal of Special Temporary Authority to Operate EchoStar 3 as an In-Orbit Spare at 61.8° W.L.)	

**APPLICATION FOR RENEWAL
OF SPECIAL TEMPORARY AUTHORITY**

By this Application, and pursuant to Section 25.120(b)(2) of the Commission’s rules,¹ EchoStar Satellite Operating Corporation (“ESOC,” and with its affiliates, “EchoStar”) hereby requests a 180-day renewal of its special temporary authority (“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 over the following frequencies: 17301.5 MHz (command); and 12201.0 MHz, 12203.0 MHz, and 12699.0 MHz (telemetry). The current STA for the space station expires on June 19, 2015.²

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

¹ 47 C.F.R. § 25.120(b)(2).

² See *Stamp Grant*, File No. SAT-STA-20141027-00114 (granted Jan 8, 2015).

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 had also been operating in the 61.5° W.L. cluster, but was relocated to 45.1° W.L. Stamp Grant, File No. SAT-MOD-20130503-00066 (granted June 20, 2013).

at 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. Accordingly, grant of the requested STA is in the public interest.

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

The requested STA is in the public interest for the same reason EchoStar was previously granted an STA to operate EchoStar 3 as an in-orbit spare.⁵ Grant of this application will ensure safe station-keeping margins for each satellite located at the nominal 61.5° W.L. orbital location. 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

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 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.

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

⁵ *See id.*

⁶ *Id.*

III. CONCLUSION

For the foregoing reasons, EchoStar respectfully requests grant of its application for renewal of its 180-day STA to operate EchoStar 3 as an in-orbit spare at 61.8° W.L.

Respectfully submitted,

/s/ Jesse Jachman
Jesse Jachman
Senior Counsel, Regulatory Affairs
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(301)428-5975

May 14, 2015