

S2741 SAT-STA-20131111-00130 IB2013002512
EchoStar Satellite Operating Corporation
EchoStar 3



*with conditions

File # SAT-STA-20131111-00130
Call Sign S2741 Grant Date 12/24/13
(or other identifier)
Term Dates period of
From 12/24/13 To: 180 days
Approved: Stephen J. Duall

Approved by OMB
3060-0678

Stephen J. Duall
Chief, Satellite Policy Branch

Date & Time Filed: Nov 11 2013 5:17:57:196PM
File Number: SAT-STA-20131111-00130
Callsign:

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.


I. Applicant

Name:	EchoStar Satellite Operating 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:			

EchoStar Satellite Operating Corporation
IBFS File No. SAT-STA-20131111-00130
Call Sign S2741

The application of EchoStar Satellite Operating Corporation (EchoStar) for special temporary authority, IBFS File No. SAT-STA-20121111-00130, is granted. Accordingly, EchoStar is authorized, for a period of 180 days, commencing on December 24, 2013, to conduct telemetry, tracking, and control operations sufficient to maintain 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 immediately inform the Commission, in writing, 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 taken or expense incurred as a result of operations pursuant to this grant of special temporary authority is at EchoStar's own risk.
5. EchoStar is afforded 30 days from the date of the release of this action to decline this authorization as conditioned. Failure to respond within this period will constitute formal acceptance of this authorization as conditioned.
6. This grant 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-20131111-00130</u>
	Call Sign <u>S2741</u> Grant Date <u>12/24/13</u> (or other identifier)
	Term Dates <u>period of</u> From <u>12/24/13</u> To: <u>180 days</u>
	Approved: <u>Stephen J. Duall</u> Stephen J. Duall Chief, Satellite Policy Branch

2. Contact

Name:	Pantelis Michalopoulos	Phone Number:	202-429-6494
Company:	Step toe & Johnson LLP	Fax Number:	202-429-3902
Street:	1330 Connecticut Ave. NW	E-Mail:	pmichalopoulos@step toe.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 SATSTA2013051400069 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
61.8 W.L.

7. Requested Extended Expiration Date
2014-06-21 00:00:00.0

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

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)	
In the Matter of)	
)	
ECHOSTAR SATELLITE OPERATING)	File No. SAT-STA-20130514-00069
CORPORATION)	File No. SAT-STA-2013 ____ - ____
)	Call Sign 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 December 23, 2013.²

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

¹ 47 C.F.R. § 25.120(b)(2).

² See Stamp Grant, File No. SAT-STA-20130514-00069 (granted June 28, 2013).

margins for all the satellites in the 61.5° W.L. orbital cluster,³ EchoStar repositioned EchoStar 3 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.⁵ 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 STA to operate EchoStar 3 as an in-orbit spare.⁶ Grant of this application will ensure 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. Until recently, EchoStar 15 was also operating in the 61.5° W.L. cluster, but has now been relocated to 45.1° W.L. Stamp Grant, SAT-MOD-20130503-00066, Call Sign S2811 (granted June 20, 2013).

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 and exploring other uses for the EchoStar 3 satellite.

⁶ See Stamp Grant, File No. SAT-STA-20120424-00073 (granted Apr. 30, 2012).

⁷ *Id.*

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, ESOC respectfully requests grant of its application for renewal of its STA to operate EchoStar 3 as an in-orbit spare at 61.8° W.L.

Respectfully submitted,

/s/

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November 11, 2013