

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 Special Temporary Authority to Operate Call Sign E010242 with, and Provide TT&C for, EchoStar 3 at 61.8 W.  
L.

**I. Applicant**

<b>Name:</b>	EchoStar Broadcasting Corporation	<b>Phone Number:</b>	301-428-5893
<b>DBA Name:</b>		<b>Fax Number:</b>	301-428-2818
<b>Street:</b>	100 Inverness Terrace East	<b>E-Mail:</b>	jennifer.manner@echostar.com
<b>City:</b>	Englewood	<b>State:</b>	CO
<b>Country:</b>	USA	<b>Zipcode:</b>	80112 -
<b>Attention:</b>	Jennifer A. Manner		


*"180 days"* *"Extension with conditions"*

**File #** SES-STA-20150925-00646

**Call Sign** E010242 **Grant Date** 12/23/2015  
(or other identifier)

**From** 12/24/2015 **Term Dates** To 06/20/2016

**Approved:** *Paul E. Hoes*



The stamp is a red circular seal of the Federal Communications Commission (FCC) with the text "FEDERAL COMMUNICATIONS COMMISSION" around the perimeter. In the center is a shield with a scale of justice and a quill. Below the seal, the word "GRANTED" is printed in large, bold, red letters, and "International Bureau" is printed in smaller red letters below that.

Applicant: EchoStar Broadcasting Corporation  
Call Sign: E010242  
File No.: SES-STA-20150925-00646  
Special Temporary Authority (STA)

EchoStar Broadcasting Corporation (EBC) is granted an extension of special temporary authority, under the following conditions to use its earth station, Call Sign E010242, located in Gilbert, AZ, to perform command and range test of emergency TT&C operations with EchoStar 3 satellite at orbital location 61.8°W.L. using frequencies: 17301.5 MHz (command), and 12201.0 MHz, 12203.0 MHz, and 12699.0 MHz (telemetry) with the following conditions:

1. Grant of this STA is without prejudice to any determination that the Commission may make regarding pending or future EchoStar Broadcasting Corporation applications.
2. All operations under this grant of STA shall be on an unprotected and non-harmful interference basis. EchoStar Broadcasting Corporation E010242 shall not cause harmful interference to, and shall not claim protection from interference caused to it by, any other lawfully operating radio communication system.
3. Operations of this earth station with Echostar 3 at 61.8° W.L. during the period when SES-STA-20150209-00068 expired to the grant of this license was authorized pursuant to Section 1.62 of the Commission's rules, 47 C.F.R. 1.62.
4. In the event of any harmful interference as a result of operations under this grant of STA, EchoStar Broadcasting Corporation shall cease operations immediately upon notification of such interference and shall immediately inform the Commission, in writing, of such an event.
5. Any action taken or expense incurred as a result of operations pursuant to this STA is solely at EchoStar Broadcasting Corporation's risk.

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.

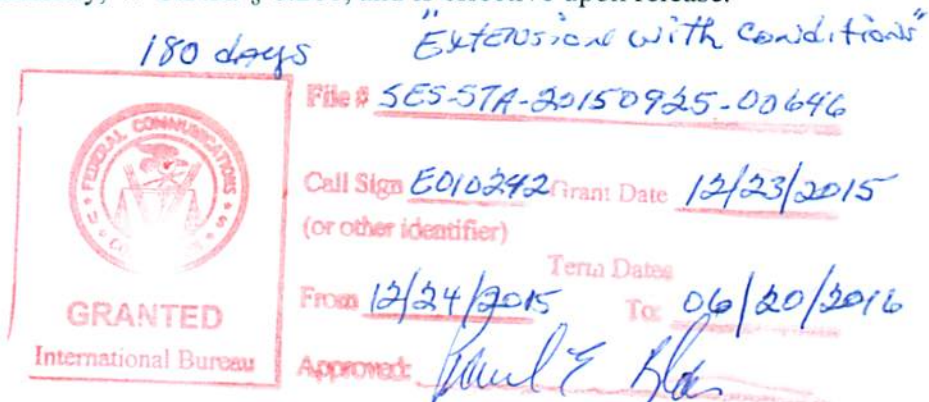
*180 days*      *"Extension with conditions"*

File # SES-STA-20150925-00646

Call Sign E010242 Grant Date 12/23/2015  
(or other identifier)

Term Dates  
From 12/24/2015 To 06/20/2016

Approved: Paul E. Kline



### **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/ Jennifer A. Manner

Jennifer A. Manner  
Vice President, Regulatory Affairs  
EchoStar Broadcasting Corporation  
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Germantown, MD 20876  
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September 25, 2015

margins for all the satellites in the 61.5° W.L. orbital cluster,<sup>3</sup> EchoStar repositioned EchoStar 3 to 61.8° W.L. in early 2012.<sup>4</sup> 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 in the public interest.

### **I. THE 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.<sup>5</sup> 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.<sup>6</sup>

### **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.

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<sup>3</sup> 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.

<sup>4</sup> Stamp Grant, File No. SAT-STA-20120424-00073, Call Sign S2741 (granted Apr. 30, 2012). EchoStar 3 continues to operate at 61.8° W.L.

<sup>5</sup> 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).

<sup>6</sup> See *id.*

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

In the Matter of	)	File No. SES-STA-20150209-00068
	)	File No. SES-STA-2015 _____ - _____
<b>EchoStar Broadcasting Corporation</b>	)	Call Sign E010242
	)	
Applications for Renewal of Special	)	File No. SES-STA-20150209-00067
Temporary Authority to Operate Two	)	File No. SES-STA-2015 _____ - _____
Transmit/Receive Earth Stations with	)	Call Sign E020248
EchoStar 3 at 61.8° W.L.	)	

**APPLICATIONS FOR RENEWAL OF  
SPECIAL TEMPORARY AUTHORITY**

By these Applications, and pursuant to Section 25.120(b)(2) of the Commission’s rules,<sup>1</sup> EchoStar Broadcasting Corporation (together 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 October 28, 2015.<sup>2</sup>

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

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<sup>1</sup> See 47 C.F.R. § 25.120(b)(2).

<sup>2</sup> See Stamp Grant, File Nos. SES-STA-20150209-00068, Call Sign E010242 (granted May 1, 2015); File No SES-STA-20150209-00067, Call Sign E020248 (granted May 1, 2015).

**2. Contact**

<b>Name:</b>	Jennifer A. Manner	<b>Phone Number:</b>	301-428-5893
<b>Company:</b>	EchoStar Broadcasting Corporation	<b>Fax Number:</b>	301-428-2818
<b>Street:</b>	11717 Exploration Lane	<b>E-Mail:</b>	jennifer.manner@echostar.com
<b>City:</b>	Germantown	<b>State:</b>	MD
<b>Country:</b>	USA	<b>Zipcode:</b>	20876 -
<b>Attention:</b>		<b>Relationship:</b>	

(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 SESSTA2015020900068 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 CGX - Fixed Satellite Transmit/Receive Earth Station

5. Type Request

- Use Prior to Grant                       Change Station Location                       Other

6. Requested Use Prior Date

7. City Gilbert	8. Latitude (dd mm ss.s h) 33 21 59.9 N
9. State AZ	10. Longitude (dd mm ss.s h) 111 48 51.6 W
11. Please supply any need attachments. Attachment 1: STA Request Narrativ                      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.) <div style="border: 1px solid black; padding: 5px; margin: 10px 0;"> EchoStar Broadcasting Corporation requests renewal of its 180&amp;#8722;day Special Temporary Authority to operate its transmit/receive earth station, Call Sign E010242, to provide TT&amp;C for the EchoStar 3 satellite, Call Sign S2741, at 61.8 W.L. Specifically, EchoStar requests continued authority to conduct TT&amp;C over the following frequencies &amp;#8722; </div>	
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. <div style="text-align: right;"> <input checked="" type="radio"/> Yes                      <input type="radio"/> No </div>	
14. Name of Person Signing Jennifer A. Manner	15. Title of Person Signing Vice President, Regulatory Affairs
<b>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).</b>	

**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.**



## 12. Description

EchoStar Broadcasting Corporation requests renewal of its 180-day Special Temporary Authority to operate its transmit/receive earth station, Call Sign E010242, 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.