

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:  
Renewal of Gilbert (E070015) STA to Deorbit EchoStar 6

**1. Applicant**

**Name:** EchoStar Operating L.L.C. **Phone Number:** 301-428-5893  
**DBA Name:** **Fax Number:**  
**Street:** 100 Inverness Terrace East **E-Mail:**  
**City:** Englewood **State:** CO  
**Country:** USA **Zipcode:** 80112 -  
**Attention:** Jennifer Manner

30 days "with conditions"  
File # SES-STA-20180521-00706  
Call Sign ED70015 Grant Date 05/31/2018  
(or other identifier)  
Term Dates  
From: 06/01/2018 To: 06/30/2018  
Approved: [Signature]



<b>2. Contact</b>			
<b>Name:</b>	Jennifer A. Manner	<b>Phone Number:</b>	301-428-5893
<b>Company:</b>	EchoStar Operating L.L.C.	<b>Fax Number:</b>	
<b>Street:</b>	11717 Exploration Lane	<b>E-Mail:</b>	jennifer.manner@echostar.ccom
<b>City:</b>	Germantown	<b>State:</b>	MD
<b>Country:</b>	USA	<b>Zipcode:</b>	20876 -
<b>Attention:</b>		<b>Relationship:</b>	Same
(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 SESSTA2018041800373 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 CGX - 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 Gilbert	8. Latitude (dd mm ss.s h) 33 22 0.8 N
9. State AZ	10. Longitude (dd mm ss.s h) 111 48 54.7 W
11. Please supply any need attachments. Attachment 1: Exhibit 1 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-top: 10px;">Seeking renewal of 30-day special temporary authority to operate certain earth stations for TT&amp;C communications required to deorbit the EchoStar 6 satellite. See Exhibit 1.</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"; party to the application; for these purposes. <p style="text-align: right;">Yes <input checked="" type="radio"/> No <input type="radio"/></p>	
14. Name of Person Signing Jennifer A. Manner	15. Title of Person Signing Senior Vice President, Regulatory Affairs
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.**

## EXHIBIT 1

### DESCRIPTION OF PROPOSED SPECIAL TEMPORARY OPERATIONS (Response to STA Form, Question 8)

Pursuant to 47 C.F.R. § 25.120(b), EchoStar Operating L.L.C. (“EchoStar”) requests a 30-day renewal of its special temporary authority (“STA”), expiring on May 31, 2018, to operate earth stations, as specified in the table below, for telemetry, tracking, and control (“TT&C”) operations required to deorbit the EchoStar 6 satellite (Call Sign S2232).<sup>1</sup>

Call Sign	Antenna ID	Location	Uplink (MHz)	Downlink (MHz)
E070014	GFMA	Gilbert, AZ	17305	12203-12204
E070015	GFMA-Ku	Gilbert, AZ	14001-14002.5	12203-12204
E980047	1	Cheyenne, WY	14001-14002.5	12203-12204
E980005	1	Cheyenne, WY	17305	12203-12204
E070275	WAD1 & WAD3	Spokane, WA	17305	12203-12204
E020248	BH13	Blackhawk, SD	17305	12203-12204
E150098	1	Summerset, SD	17305	12203-12204

Grant of the requested STA renewal will permit deorbiting of EchoStar 6, within a 60-day period, to a disposal orbit at a nominal altitude of approximately 386 km, consistent with end-of-life disposal requirements under Section 25.283 of the Commission’s rules.<sup>2</sup>

Accordingly, grant of the requested STA will serve the public interest by facilitating retirement of the satellite to a disposal orbit in an orderly manner and consistent with Commission requirements.

<sup>1</sup> EchoStar may operate additional earth stations in Gilbert, AZ (E020306), Quicksburg, VA (E070273), and Cheyenne, WY (E080120), which are already authorized for TT&C communications with EchoStar 6 at its assigned 96.2° W.L. orbital location. *See* IBFS File Nos. SES-MFS-20130307-00233 (granted Aug. 11, 2014); SES-MFS-20130307-00232 (granted Aug. 11, 2014); SES-MFS-20130307-00234 (granted Aug. 11, 2014).

<sup>2</sup> *See* 47 C.F.R. § 25.283.

