

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:
Renewal of Blackhawk (E020248) STA for EchoStar 23

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		



GRANTED
International Bureau

File # SES-STA-20190610-00768
Call Sign E020248 Grant Date 6-18-19
(or other identifier)
Term Dates From: 6-18-19 To: 8-17-19
Approved: Paul E. Black

2. Contact			
Name:	Jennifer A. Manner	Phone Number:	301-428-5893
Company:	EchoStar Operating L.L.C.	Fax Number:	
Street:	11717 Exploration Lane	E-Mail:	jennifer.manner@echostar.com
City:	Germantown	State:	MD
Country:	USA	Zipcode:	20876 -
Attention:		Relationship:	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 SESMFS2019021400090 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			
06/18/2019			

7. CityBlackhawk	8. Latitude (dd mm ss.s h) 44 11 15.3 N
9. State SD	10. Longitude (dd mm ss.s h) 103 20 9.7 W
11. Please supply any need attachments.	
Attachment 1: 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.)	
Seeking renewal of special temporary authority to operate earth station for TT&C and feeder link communications with the EchoStar 23 satellite during its relocation to, and operations at, 72.6 W.L. See Attachment 1.	
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.	
Yes ☒ No ☐	
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.

Applicant: EchoStar Operating L.L.C.
File No.: SES-STA-20190610-00768
Call Sign: E020248
Special Temporary Authority



File # SES-STA-20190610-00768
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Term Dates
From: 6-18-19 To: 8-17-19
Approved: Paul E. Keen

EchoStar Operating L.L.C. ("EchoStar") is granted a special temporary authority for 60 days, starting June 18, 2019, to operate its earth station in Blackhawk, SD, to provide telemetry, tracking, and command ("TT&C") for the EchoStar 23 satellite during the satellite's drift from its current location at 44.9° W.L. to the 72.6° W.L. orbital location. Operations are limited to frequency bands 17.3-17.310, 17.791 GHz (Earth-to-space) and 12.20-12.21GHz (space-to-Earth) under the following conditions:

- 1 Operations will not exceed the operational power levels and parameters coordinated.
2. All operations under this grant of special temporary authority shall be on an unprotected and non-harmful interference basis. EchoStar 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. In the event of any harmful interference 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.
4. All operators of satellites will be provided with an emergency phone number where the licensee can be reached in the event that harmful interference occurs, Currently the 24x7 contact information for the EchoStar satellite is Ph.: (307) -633-5225. Ask for Silas Cole.
5. EchoStar Operating L.L.C. must apply for market access via an earth or space station license request. This authorization does grant authority for market access in the US.
6. Any action taken or expense incurred as a result of operations pursuant to this special temporary authority is solely at EchoStar's risk.
7. Grant of this authorization is without prejudice to any determination that the Commission may make regarding pending or future EchoStar's applications.

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 immediately.

ATTACHMENT 1

Request for Extension of Special Temporary Authorization

EchoStar Operating L.L.C. (together with its affiliates, “EchoStar”) requests a 60-day extension from June 18, 2019 to August 17, 2019 of its previously granted applications for special temporary authority.¹ EchoStar will continue to operate the five earth stations in Cheyenne, WY, Blackhawk/Summerset, SD, and Gilbert, AZ (Call Signs E980005, E020248, E150098, E070014, and E170094) for telemetry, tracking, and command and feeder link communications with the EchoStar 23 satellite during its relocation from 44.9° W.L. to, and operations at, the 72.6° W.L. orbital location.

The operating parameters of the earth stations are set forth in the underlying modification applications to add the EchoStar satellite at 72.6 W.L. as a point of communications for TT&C and feeder links.² The requested modification will allow regular operations of EchoStar 23 at 72.6° W.L. for service to DISH subscribers in the United States and Canada. EchoStar is in the process of securing Canadian authorization for its operations at the proposed orbital location and expects to commence the drift to 72.6° W.L. on June 15, 2019.

Grant of the requested STA will serve the public interest by allowing EchoStar the flexibility to manage its satellite fleet efficiently, provide for more productive use of its satellites, and further ensure full use of spectrum and uninterrupted service from the nominal 72.6° W.L. orbital location. Indeed, the Commission has a longstanding policy of leaving fleet management decisions to satellite operators because doing so generally serves the public interest.

¹ See IBFS File Nos. SES-STA-20190214-00097, SES-STA-20190214-00098, SES-STA-20190214-00099, SES-STA-20190214-00100, and SES-STA-20190308-00311.

² See IBFS File Nos. SES-MFS-20190214-00088, SES-MFS-20190214-00089, SES-MFS-20190214-00090, SES-MFS-20190214-00091, and SES-MFS-2019-0308-00275.