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APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:  
Cheyenne (E980005) Emergency STA to move EchoStar 18

**1. Applicant**

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

*30 days* *"with conditions"*

  
**GRANTED**  
International Bureau

File # SES-STA-20171208-01318  
Call Sign E980005 Grant Date 12/14/2017  
(or other identifier)  
Term Dates  
From: 12/14/2017 To: 01/13/2018  
Approved: Paul E. [Signature]

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Administrative markings or a signature line.

Applicant: EchoStar Operating L.L.C.  
Call Sign: E980005  
File No.: SES-STA-20171208-01318



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Call Sign E980005 Grant Date 12/14/2017  
(or other identifier)  
Term Dates  
From: 12/14/2017 To: 01/13/2018  
Approved: Paul E. Hines

EchoStar Operating L.L.C. is granted special temporary authority (STA) for 30 days, beginning December 14, 2017, to operate its Cheyenne, WY earth station with the EchoStar 18 satellite (S2931) at the 109.9° W.L. orbital location to provide telemetry, tracking, and control ("TT&C") and feeder link communications during EchoStar 18's temporary relocation and operations at 109.9° W.L. orbital location. Feederlink operations are authorized in the 12.2-12.7 GHz (space-to-Earth) and 17.3-17.8 GHz (Earth-to-space) frequency bands. Telemetry, tracking, and command (TT&C) are authorized on the following center frequencies: 17.7935 GHz, 17.303 GHz, and 17.790-17.800 GHz (Earth-to-space); 12.203 GHz, 12.204 GHz, 12.6965 GHz, 12.6975 GHz, 12.685-12.700 GHz (space-to-Earth). All operations are subject to the following conditions:

1. All operations under this grant of STA shall be on an unprotected and noninterference basis. DISH must not cause harmful interference to, and must not claim protection from interference caused to it by, any other lawfully operating stations.
2. 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 Echostar 18 (S2931) mission is as follows: Ph.: (307) 773-0060 , (408) 503-9660 and E-mail: [SpacecraftOperations@echostar.com](mailto:SpacecraftOperations@echostar.com) or Sandor Nemethy @ (303)-728-5277 Email: [Sandor.Nemethy@echostar.com](mailto:Sandor.Nemethy@echostar.com)
3. In the event of any harmful interference as a result of operations under this grant of STA, DISH shall cease operations immediately upon notification of such interference and shall immediately inform the Commission, in writing, of such an event.
4. The operations of EchoStar 18 (S2931) and associated earth stations must comport with the applicable uplink and downlink limits in 47 CFR §25.140(a)(3) of the Commission's rules, unless DISH coordinates any non-conforming operations with the operations of U.S.-licensed geostationary orbit space stations within 6 degrees of the 109.9° W.L. orbital location. DISH must also comport with the maximum power limits indicated in existing or future coordination agreements at 109.9° W.L. Non-conforming operations must also be coordinated with respect to those operations of non-U.S.-licensed space stations within 6 degrees of 109.9° W.L. involving approved communications with U.S.-licensed earth stations.
5. Any action taken or expense incurred as a result of operations pursuant to this STA is solely DISH's.
6. Grant of this authorization is without prejudice to any determination that the Commission may make regarding pending or future applications.
7. All operations must be within the relevant requested operational parameters in IBFS File No. SAT-STA-20171208-00169.

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.

**2. Contact**

<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.com
<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 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



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