

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:  
STA Extension Request to Operate CRBC Earth Station (E930304) to Drift T16

**1. Applicant**

<b>Name:</b>	DIRECTV Enterprises, LLC	<b>Phone Number:</b>	310-964-4996
<b>DBA Name:</b>		<b>Fax Number:</b>	
<b>Street:</b>	1120 20th Street, NW Suite 1000	<b>E-Mail:</b>	spdulac@att.com
<b>City:</b>	Washington	<b>State:</b>	DC
<b>Country:</b>	USA	<b>Zipcode:</b>	20036
<b>Attention:</b>	Steve Dulac		



File # SES-STA-20190812-01088  
Call Sign E930304 Grant Date 9-3-19  
(or other identifier)  
Term Dates  
From: 9-10-19 To: 10-10-19  
Approved: Paul E. Allen

<b>2. Contact</b>	
<b>Name:</b> Daniel P. Brooks	<b>Phone Number:</b> 202-719-4183
<b>Company:</b> Wiley Rein LLP	<b>Fax Number:</b> 202-719-7049
<b>Street:</b> 1776 K Street, NW	<b>E-Mail:</b> dbrooks@wileyrein.com
<b>City:</b> Washington	<b>State:</b> DC
<b>Country:</b> USA	<b>Zipcode:</b> 20006 -
<b>Attention:</b>	<b>Relationship:</b> 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 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/Castle Rock	
8. Latitude (dd mm ss.s h) 39 16 38.1 N	

9. State CO	10. Longitude (dd mm ss.s h) 104 48 29.5 W
11. Please supply any need attachments. Attachment 1: Narrative 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.) DIRECTV Enterprises, LLC requests an extension of its grant of special temporary authority for an additional 30 days to operate its Castle Rock, Colorado earth station (Call Sign E930304) to drift DIRECTV's T16 satellite (Call Sign S3039) from its in-orbit testing location of 134.75 W.L. to its permanent authorized location of 100.85 W.L.	
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. Yes <input checked="" type="radio"/> No <input type="radio"/>	
14. Name of Person Signing Steve Dulac	15. Title of Person Signing Director, Content Technology & Regulatory Policy
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).	

**FCC NOTICE REQUIRED BY THE PAPERWORK REDUCTION ACT**

The public reporting for this collection of information is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the required data, and completing and reviewing the collection of information. If you have any comments on this burden estimate, or how we can improve the collection and reduce the burden it causes you, please write to the Federal Communications Commission, AMD-PERM, Paperwork Reduction Project (3060-0678), Washington, DC 20554. We will also accept your comments regarding the Paperwork Reduction Act aspects of this collection via the Internet if you send them to [PRA@fcc.gov](mailto:PRA@fcc.gov). PLEASE DO NOT SEND COMPLETED FORMS TO THIS ADDRESS.

Remember – You are not required to respond to a collection of information sponsored by the Federal government, and the government may not conduct or sponsor this collection, unless it displays a currently valid OMB control number or if we fail to provide you with this notice. This collection has been assigned an OMB control number of 3060-0678.

**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: DIRECTV Enterprises, LLC-  
File No.: SES-STA-20190812-01088  
Call Sign: E930304  
Special Temporary Authority



File # ~~SES-STA-20190812-01088~~  
E930304  
Call sign E930304 Grant Date 9-2-19  
(or other identifier)  
Term Dates  
From: 9-10-19 To: 10-10-19  
Approved: [Signature]

DIRECTV Enterprises, LLC ("DIRECTV") is granted a special temporary authority for 30 days, starting September 10, 2019, to operate its earth station in Castle Rock, CO, to support in-orbit testing ("IOT") of the T16 satellite (S3039) at the 134.75° W.L. orbital location during T16's drift to 100.85° W.L. orbital location. Operations are limited to frequency bands 17.3-17.8 GHz (Earth-to-space) and 12.2-12.7 GHz; and for Telemetry, Tracking & Command ("TT&C") 17.789 GHz and 17.791 GHz (space-to-Earth) & 12.697 and 12.698 GHz (space-to-Earth) under the following conditions:

1. All operations under this grant of special temporary authority shall be on an unprotected and non-harmful interference basis. DIRECTV shall not cause harmful interference to, and shall not claim protection from interference caused to it by, any other lawfully operating radio communication system.
2. In the event of any harmful interference under this grant of special temporary authority, DIRECTV must cease operations immediately upon notification of such interference, and must inform the Commission, in writing, immediately of such an event.
3. 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 T16 satellite is Ph.: (310) -429-1624. Ask for Steve Dulac.
4. Any action taken or expense incurred as a result of operations pursuant to this special temporary authority is solely at DIRECTV's risk.
5. Grant of this authorization is without prejudice to any determination that the Commission may make regarding pending or future DIRECTV applications.
6. DIRECTV operations during the period August 30, 2019 to the date of this grant were authorized pursuant to Section 1.62 of the Commission's rules 47 C.F.R. § 1.62.

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.

**EXHIBIT 1**  
**REQUEST FOR SPECIAL TEMPORARY AUTHORITY**

DIRECTV Enterprises, LLC (“DIRECTV”) respectfully requests a grant of earth station special temporary authority (“STA”)<sup>1</sup> for 30 days commencing September 10, 2019 to operate its Castle Rock, Colorado earth station (Call Sign E930304) to deorbit DIRECTV’s T4S satellite (Call Sign S2430).

T4S is approaching the end of its operational life, and DIRECTV expects to begin deorbiting the satellite as early as September 10, 2019. DIRECTV plans to operate its Castle Rock, Colorado earth station (Call Sign E930304) to deorbit T4S and anticipates a need to do so utilizing broader satellite arc, elevation, and azimuth limits than what are currently authorized under the existing authorization. Accordingly, DIRECTV respectfully requests a grant of STA for 30 days commencing September 10, 2019 to operate the earth station utilizing a satellite arc east limit of 40.0° W.L. (with elevation of 10.8° and azimuth of 106.6°) and a satellite arc west limit of 170.0° W.L. (with elevation of 10.5° and azimuth of 253.7°) for all authorized frequency ranges.

The 24/7 emergency contact information is as follows: Steve Dulac at (310) 429-1624.

Grant of this earth station STA request is in the public interest because it will facilitate the deorbiting of DIRECTV’s T4S satellite. Accordingly, DIRECTV respectfully requests that the Commission grant this request.

---

<sup>1</sup> DIRECTV has filed this STA request, an FCC Form 159, and a \$210.00 filing fee electronically via the International Bureau’s Filing System.