

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:
30-Day STA Request to Provide TT&C Services to T15 During Satellite Drift (E150022)

1. Applicant

Name:	DIRECTV Enterprises, LLC	Phone Number:	310-964-3589
DBA Name:		Fax Number:	
Street:	1120 20th Street, NW Suite 1000	E-Mail:	nm704u@att.com
City:	Washington	State:	DC
Country:	USA	Zipcode:	20036
Attention:	Navid Motamed		



File # SES-STA-20180817-02292
E150022
Call Sign E150022 Grant Date 8-3-18
(or other identifier)
Term Dates
From: 8-1-18 To: 10-4-18
Approved: Paul E. Hach

2. Contact	
Name: Jennifer D. Hindin	Phone Number: 202-719-4975
Company: Wiley Rein LLP	Fax Number: 202-719-7049
Street: 1776 K Street, NW	E-Mail: jhindin@wileyrein.com
City: Washington	State: DC
Country: USA	Zipcode: 20006
Attention:	Relationship: 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?	
☒ 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/Castle Rock	
8. Latitude (dd mm ss.s h) 39 16 39.5 N	

9. State	CO	10. Longitude (dd mm ss.s h)	104	48	31.4	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 a grant of special temporary authority for 30 days commencing September 4, 2018 to use its Castle Rock, Colorado earth station (Call Sign E150022) to provide telemetry, tracking, and command services for its T15 satellite (Call Sign S2930) during the satellite's drift from its current location at 102.75 W.L. to its						
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.						
14. Name of Person Signing		15. Title of Person Signing				
Navid Motamed		Asst. Vice President Satellite Systems Engineering				
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.

12. Description

DIRECTV Enterprises, LLC requests a grant of special temporary authority for 30 days commencing September 4, 2018 to use its Castle Rock, Colorado earth station (Call Sign E150022) to provide telemetry, tracking, and command services for its T15 satellite (Call Sign S2930) during the satellite's drift from its current location at 102.75 W.L. to its temporary location at 100.85 W. L. and to maintain the satellite at the 100.85 W.L. orbital location.

Applicant: DIRECTV Enterprises, LLC-
Call Sign: E150022
File No.: SES-STA-20180817-02292
Special Temporary Authority (STA)

DIRECTV Enterprises, LLC- is granted STA for 30 days starting September 04, 2018 to operate its earth station in Castle Rock, CO. to provide telemetry, tracking and control services for T15 satellite (Call Sign S2930) satellite during the satellite's drift from its current location at 102.75° W.L. to its temporary location at 100.85° W.L. orbital location. Operations shall utilize frequencies 29.5025 GHz, and 29.5059 GHz (Earth-to-space); with 20.1985 GHz, and 20.1995 GHz; (space-to-Earth). Operations are authorized under the following conditions:

1. Operations will not exceed the operational power levels and parameters coordinated.
2. In the event of any harmful interference DIRECTV Enterprises, LLC shall cease operations immediately upon notification of such interference, and shall immediately inform the Commission, in writing, of such an event.
3. Grant of this STA is without prejudice to any determination that the Commission may make regarding pending or future DIRECTV Enterprises, LLC applications.
4. Any action taken or expense incurred as a result of operations pursuant to this STA is solely at DIRECTV Enterprises, LLC 's risk.
5. The 24/7 point of contact for this operations is Steve Blackson -720-565-7202 (Castlerock Broadcast Center; 310-525-5595; 5590/5591 (Long Beach Satellite Operations Center); and 703-559-7701 (East Coast Satellite Operations Center).

This grant is issued pursuant to Section 0.26 1 of the Commission's rules on delegated authority, 47 C.F.R. § 0.261, and is effective upon release.



File # SES-STA20180817-02292
Call Sign E150022 Grant Date 8-31-18
(or other identifier)
Term Dates
From: 9-4-18 To: 10-4-18
Approved: Paul E. Mack

EXHIBIT 1
REQUEST FOR SPECIAL TEMPORARY AUTHORITY

DIRECTV Enterprises, LLC (“DIRECTV”) respectfully requests a grant of special temporary authority (“STA”)¹ for 30 days commencing September 4, 2018 to use its Castle Rock, Colorado earth station (Call Sign E150022) to provide telemetry, tracking, and command (“TT&C”) services for its T15 satellite (Call Sign S2930) during the satellite’s drift from its current location at 102.75° W.L. to its temporary location at 100.85° W.L. and to maintain the satellite at the 100.85° W.L. orbital location.

Subject to prior Commission approval of DIRECTV’s separate request for space station special temporary authority filed concurrently with this application, DIRECTV plans to temporarily relocate T15 from its permanently licensed orbital location of 102.75° W.L. to 100.85° W.L. The drift is scheduled to begin on September 4, 2018 and is expected to last approximately ten days. Accordingly, DIRECTV respectfully submits this STA request for authority to use the earth station to provide TT&C services to the T15 satellite for a 30-day period beginning September 4, 2018.

The range of earth station frequencies requested to provide TT&C services for T15 are:

- 29502.5 MHz and 29505.9 MHz (T); and
- 20198.5 MHz and 20199.5 MHz (R).

The drift operations will continue to be coordinated with all operators of satellites that use the same frequency bands and are in the drift path. All operators of satellites in that path will be provided with an emergency phone number where the licensee can be reached in the event that harmful interference occurs. In the extremely unlikely event that harmful interference

¹ DIRECTV has filed this STA request, an FCC Form 159, and a \$200.00 filing fee electronically via the International Bureau’s Filing System.

should occur due to transmissions to or from its earth station, DIRECTV will take all reasonable steps to eliminate the interference.

Grant of this STA request is in the public interest because it will facilitate the temporary relocation of T15 from 102.75° W.L. to 100.85° W.L. This, in turn, will extend coverage, improve service performance, and provide additional capacity to customers at the nominal 101° W.L. orbital location, thereby promoting the public interest. Accordingly, DIRECTV respectfully requests that the Commission grant this request.