



File # SAT-STA-20191120-00136

Call Sign S2632 Grant Date 01/16/20

(or other identifier)

From 01/16/20 Term Dates Period of 180 days

To: 180 days Approved: Stephen J. Duall

Approved by OMB
3060-0678

Date & Time Filed: Nov 20 2019 9:59:15:313AM
File Number: SAT-STA-20191120-00136
Callsign:

* with conditions

Stephen J. Duall
Chief, Satellite Policy Branch

FEDERAL COMMUNICATIONS COMMISSION
APPLICATION FOR SPACE STATION SPECIAL TEMPORARY AUTHORITY
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APPLICANT INFORMATION

Enter a description of this application to identify it on the main menu:
180-Day STA Extension Request to Operate T8 (Call Sign S2632) at 100.75 WL

1. Applicant

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

ATTACHMENT TO GRANT
DIRECTV Enterprises, LLC
IBFS File No. SAT-STA-20191120-00136

IBFS File No(s):	SAT-STA-20191120-00136	<p>GRANTED – With Conditions</p>  <p>International Bureau Satellite Division</p>
Licensee/Grantee:	DIRECTV Enterprises, LLC (DIRECTV)	
Call Sign:	S2632	
Satellite Name:	DIRECTV T8	
Orbital Location: (required station-keeping tolerance)	100.75° W.L. (±0.05° East-West, ±0.05° North-South)	
Administration:	United States of America	
Nature of Service:	Direct Broadcast Satellite (DBS) Telemetry, tracking, & command (TT&C)	
Scope of Grant:	Special temporary authority for a period of 180 days to continue to provide DBS at 100.75° W.L.	
Service Area(s):	N/A	
Frequencies:	12.2-12.7 GHz (space-to-Earth) 17.3-17.8 GHz (Earth-to-space) <u>Telemetry, Tracking, and Command</u> 12.20325 GHz (space-to-Earth) 12.20375 GHz (space-to-Earth) 17.30700 GHz (Earth-to-space)	
<p>Unless otherwise specified herein, operations under this grant must comport with the legal and technical specifications set forth by the applicant or petitioner and with Federal Communication Commission’s rules not waived herein. This grant is also subject to the following conditions:</p> <ol style="list-style-type: none"> 1. Operations pursuant to this special authority must be on an unprotected and non-harmful interference basis, i.e. the DIRECTV T8 space station must not cause harmful interference to, and DIRECTV must not claim protection from interference caused to it by, any other lawfully operating station. In the event of any harmful interference, DIRECTV must cease operations immediately upon notification of such interference, and must inform the Commission, in writing, immediately of such an event. 2. DIRECTV must coordinate the operations of DIRECTV T8 with existing geostationary space stations to ensure that no unacceptable interference results from its operations. 3. Any action taken or expense incurred as a result of this special temporary authority is solely at DIRECTV’s own risk. 		
<p>Licensee/grantee is afforded thirty (30) days from the date of release of this action to decline the grant as conditioned. Failure to respond within this period will constitute formal acceptance of the grant as conditioned.</p> <p>This action is taken pursuant to Section 0.261 of the Commission’s rules on delegated authority, 47 CFR § 0.261, and is effective upon release.</p> <p>Station licenses are subject to the conditions specified in Section 309(h) of the Communications Act of 1934, as amended, 47 U.S.C. § 309(h).</p>		
Action Date:	January 16, 2020	
Term Dates	From: January 16, 2019	To: period of 180 days

ATTACHMENT TO GRANT
DIRECTV Enterprises, LLC
IBFS File No. SAT-STA-20191120-00136

Approved:



Stephen J. Duall
Chief, Satellite Policy Branch

2. Contact

Name:	Daniel P. Brooks	Phone Number:	202-719-4183
Company:	Wiley Rein LLP	Fax Number:	202-719-7049
Street:	1776 K Street, NW	E-Mail:	dbrooks@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 CRY – Space Station (Geostationary)

5. Type Request

- Change Station Location Extend Expiration Date Other

6. Temporary Orbit Location
100.75 WL

7. Requested Extended Expiration Date

8. 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 180 days to operate its T8 satellite (Call Sign S2632) at the 100.75 W. L. orbital location.

9. 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

10. Name of Person Signing
Steve Dulac

11. Title of Person Signing
Director, Content Technology & Regulatory Policy

12. Please supply any need attachments.

Attachment 1: Narrative

Attachment 2:

Attachment 3:

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
REQUEST FOR SPECIAL TEMPORARY AUTHORITY

DIRECTV Enterprises, LLC (“DIRECTV”) respectfully requests an extension of its grant of special temporary authority (“STA”) for an additional 180 days to operate its T8 satellite (Call Sign S2632) at the 100.75° W.L. orbital location. Pursuant to Section 1.62 of the Commission’s rules, DIRECTV will continue to operate T8 at 100.75° W.L. pursuant to the terms and conditions of its existing STA¹ pending action on this timely filed renewal request.²

T8 is permanently licensed to operate at 100.85° W.L.³ On September 27, 2018, the Commission granted DIRECTV special temporary authority to drift T8 from 100.85° W.L. to 100.75° W.L. and to operate the satellite at 100.75° W.L.⁴ The relocation of T8 to 100.75° W.L., which was completed on October 10, 2018, was made to accommodate the temporary relocation of DIRECTV’s T15 satellite (Call Sign S2930) from 102.75° W.L. to 100.85° W.L.⁵ T15 has since been relocated to 102.85° W.L.,⁶ and DIRECTV’s recently launched T16 satellite (Call Sign S3039) has been successfully placed into orbit at the 100.85° W.L. orbital location.⁷ By

¹ See *Satellite Policy Branch Information; Actions Taken*, Public Notice, Report No. SAT-01401, File No. SAT-STA-20190521-00040 (July 12, 2019).

² See 47 C.F.R. § 1.62.

³ See *Policy Branch Information; Actions Taken*, Public Notice, Report No. SAT-01088, File No. SAT-MOD-20150304-00009 (May 29, 2015); *Policy Branch Information; Actions Taken*, Public Notice, Report No. SAT-00431, File Nos. SAT-AMD-20070111-00010, SAT-MOD-20061213-00151 (Mar. 30, 2007). T8’s Ka-band payload was originally authorized under Call Sign S2132, which was consolidated with Call Sign S2632 in September 2017.

⁴ See *30-Day STA Request to Relocate T8 (Call Sign S2632)*, File No. SAT-STA-20180921-00074 (granted Sept. 27, 2018); see also *30-Day STA Extension Request to Relocate T8 (Call Sign S2632)*, File No. SAT-STA-20181018-00080 (granted Nov. 1, 2019); *180-Day STA Request to Operate T8 (Call Sign S2632) at 100.75 WL*, File No. SAT-STA-20180928-00077 (granted Nov. 28, 2019); *180-Day STA Extension Request to Operate T8 (Call Sign S2632) at 100.75 WL*, File No. SAT-STA-20190521-00040 (granted July 10, 2019).

⁵ See *30-Day STA Request to Relocate T8 (Call Sign S2632)*, File No. SAT-STA-20180921-00074 (granted Sept. 27, 2018).

⁶ See *Satellite Policy Branch Information; Actions Taken*, Public Notice, Report No. SAT-01409, File No. SAT-MOD-20190625-00051 (Aug. 16, 2019).

⁷ See Letter from Daniel P. Brooks, Counsel for DIRECTV, to Marlene H. Dortch, Secretary, FCC, File Nos. SAT-MOD-20190508-00036, SAT-RPL-20180913-00071 (Sept. 5, 2019).

this application, DIRECTV respectfully requests an extension of its current grant of STA for an additional 180 days to continue operating T8 at 100.75° W.L. until the satellite is relocated.⁸

While T8 is located at 100.75° W.L., DIRECTV will provide telemetry, tracking, and control (“TT&C”) using the following frequencies:

- 17307.00 MHz (Earth-to-space); and
- 12203.25 MHz and 12203.75 MHz (space-to-Earth).

Grant of this STA will not result in increased risk of harmful interference. DIRECTV will operate the communications payload of the satellite at 100.75° W.L. in conformance with FCC rules and any relevant coordination agreements.

DIRECTV has assessed and limited the probability of the space station becoming a source of debris as a result of collisions with large debris or other operational space stations. T8 will not be located at the same orbital location as another satellite or at an orbital location that has an overlapping station-keeping volume with another satellite. DIRECTV is not aware of any other FCC-licensed system, or any other system applied for and under consideration by the FCC, having an overlapping station-keeping volume with T8 at 100.75° W.L. DIRECTV is also not aware of any other system with an overlapping station-keeping volume with T8 that is the subject of an ITU filing that is either in orbit or progressing towards launch.

Grant of this STA request will serve the public interest because it will extend coverage, improve service performance, and provide additional capacity to customers at the nominal 101° W.L. orbital location. Accordingly, DIRECTV respectfully requests that the Commission grant this request.

⁸ DIRECTV currently anticipates relocating T8 to the 119° W.L. orbital location in 2020 based on business needs.