

S3039 SAT-STA-20190826-00081
DIRECTV Enterprises, LLC
DIRECTV T-16

IB2019003089



File # SAT-STA-20190826-00081

Call Sign S3039 Grant Date 09/11/19

(or other identifier)

Term Dates period of

From 09/01/19

To: 30 days

Approved by OMB
3060-0678

Approved:

Stephen J. Duall
Chief, Satellite Policy Branch

International Bureau
* with conditions

Date & Time Filed: Aug 26 2019 10:43:54:550AM
File Number: SAT-STA-20190826-00081
Callsign:

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:
STA Second Extension Request to Drift T16 (Call Sign S3039) to 100.85 W.L.


I. Applicant

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

ATTACHMENT TO GRANT
DIRECTV Enterprises, LLC
IBFS File No. SAT-STA-20190826-00081

IBFS File No(s):	SAT-STA-20190826-00081	<p align="center">GRANTED – With Conditions</p>  <p align="center">International Bureau Satellite Division</p>
Licensee/Grantee:	DIRECTV Enterprises, LLC (DIRECTV)	
Call Sign:	S3039	
Satellite Name:	DIRECTV T16	
Orbital Location: (required station-keeping tolerance)	100.85° W.L. (see Scope of Grant)	
Administration:	United States of America	
Nature of Service:	Telemetry, tracking, & command (TT&C)	
Scope of Grant:	Special temporary authority for a period of 30 days to continue to conduct TT&C operations necessary to drift DIRECTV T16 from the 134.75° W.L. orbital location to the 100.85° W.L. orbital location.	
Service Area(s):	N/A	
Frequencies:	<u>Telemetry, Tracking, and Command</u> 12697 MHz and 12698 MHz (space-to-Earth) 17789 MHz and 17791 MHz (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. All operations under this grant of special temporary authority must be on an unprotected and non-harmful interference basis, <i>i.e.</i>, T16 must not cause harmful interference to, and must not claim protection from interference caused to it by, any other lawfully operating station. 2. In the event of any harmful interference under this grant of special temporary authority, DIRECTV must cease operations of T16 immediately upon notification of such interference and must inform the Commission, in writing, immediately of such an event. 3. DIRECTV must coordinate the operations of T16 with existing geostationary space stations to ensure that no unacceptable interference results during the drift from the 134.75° W.L. orbital location to the 100.85° W.L. orbital location. 4. DIRECTV must coordinate the operations of DIRECTV T16 with existing geostationary space stations to ensure that no unacceptable interference results from its operations during the drift to the 100.85° W.L. orbital location. 5. DIRECTV may not provide payload services during the drift. 6. 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 Space station licenses are subject to conditions specified in Section 309(h) of the Communications Act of 1934, amended, 47 U.S.C. § 309(h).</p>		

ATTACHMENT TO GRANT
DIRECTV Enterprises, LLC
IBFS File No. SAT-STA-20190826-00081

Action Date:	September 11, 2019	
Term Dates	From: September 1, 2019	To: period of 30 days
Approved:	 Stephen J. Duall Chief, Satellite Policy Branch	

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 CRY – Space Station (Geostationary)

5. Type Request

- Change Station Location Extend Expiration Date Other

6. Temporary Orbit Location

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 space station special temporary authority for an additional 30 days to drift DIRECTV's T16 satellite (S3039) from its in-orbit testing location of 134.75 W.L. to its permanent authorized location of 100.85 W.L.

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).

FCC NOTICE REQUIRED BY THE PAPERWORK REDUCTION ACT

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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 space station special temporary authority (“STA”) for an additional 30 days to drift DIRECTV’s recently launched T16 satellite (Call Sign S3039) from its in-orbit testing (“IOT”) location of 134.75° W.L. to its permanent authorized location of 100.85° W.L. Pursuant to Section 1.62 of the Commission’s rules,¹ DIRECTV will continue to operate pursuant to the terms and conditions of its existing STA pending action on this timely filed renewal request.

On May 29, 2019, the Commission granted DIRECTV’s 30-day STA request to conduct IOT of T16 at 134.75° W.L. and to drift the satellite to its permanent authorized location of 100.85° W.L.² The IOT period commenced on July 1, 2019³ and was completed on July 22, 2019.⁴ The drift to 100.85° W.L. commenced on July 23, 2019 and is expected to be completed on or about September 4, 2019.⁵ On August 8, 2019, the Commission granted DIRECTV’s 30-day STA extension request to continue drifting the satellite to its permanent authorized orbital

¹ 47 C.F.R. § 1.62.

² See *Satellite Policy Branch Information; Actions Taken*, Public Notice, Report No. SAT-01394, File No. SAT-STA-20190508-00037 (May 31, 2019).

³ See Letter from J. Hindin, Counsel to DIRECTV, to M. Dortch, FCC, File No. SAT-STA-20190508-00037 (July 2, 2019).

⁴ See Letter from J. Hindin, Counsel to DIRECTV, to M. Dortch, FCC, File Nos. SAT-MOD-20190508-00036, SAT-RPL-20180913-00071 (July 25, 2019).

⁵ During the drift from 134.75° W.L. to 100.85° W.L., only the satellite’s TT&C frequencies will be utilized.

location.⁶ By this application, DIRECTV respectfully requests an extension of its current STA for an additional 30 days to cover the remaining drift period.⁷

Telemetry, Tracking, and Command (“TT&C”) services for T16 will be performed using the following center frequencies:

- 12697 MHz and 12698 MHz (space-to-Earth); and
- 17789 MHz and 17791 MHz (Earth-to-space).

Grant of this space station STA request is in the public interest because it will facilitate the relocation of T16 from its IOT location to its permanent authorized orbital location.

Accordingly, DIRECTV respectfully requests that the Commission grant this request.

⁶ See *Satellite Policy Branch Information: Actions Taken*, Public Notice, Report No. SAT-01407, File No. SAT-STA-20190723-00065 (Aug. 9, 2019).

⁷ DIRECTV intends to file additional STA extension requests to cover any drift that exceeds this 30-day period.