

S2930 SAT-STA-20150716-00048 IB2015001312  
DIRECTV Enterprises, LLC  
DIRECTV 15



File # SAT-STA-20150716-00048

Call Sign S2930 Grant Date 07/23/15  
(or other identifier)

Term Dates period of  
From 07/13/15 To: 30 days

Approved: Stephen J. Duall

Stephen J. Duall  
Chief, Satellite Policy Branch

Approved by OMB  
3060-0678

Date & Time Filed: Jul 16 2015 11:21:39:383AM  
File Number: SAT-STA-20150716-00048  
Callsign:

FEDERAL COMMUNICATIONS COMMISSION  
APPLICATION FOR SPACE STATION SPECIAL TEMPORARY AUTHORITY  
FOR OFFICIAL USE ONLY

APPLICANT INFORMATION

Enter a description of this application to identify it on the main menu:  
STA Extension Request D15

1. Applicant

<b>Name:</b>	DIRECTV Enterprises, LLC	<b>Phone Number:</b>	301-663-0053
<b>DBA Name:</b>		<b>Fax Number:</b>	240-358-0569
<b>Street:</b>	2230 E. Imperial Hwy CA/LAI/N340	<b>E-Mail:</b>	jwengryniuk@directv.com
<b>City:</b>	El Segundo	<b>State:</b>	CA
<b>Country:</b>	USA	<b>Zipcode:</b>	90245 -
<b>Attention:</b>	Mr Jack M Wengryniuk		

**DIRECTV Enterprises, LLC**  
**IBFS File Nos. SAT-STA-20150716-00048 and SAT-STA-20150716-00049**  
**Call Signs S2930 and S2712**

The applications of DIRECTV Enterprises, LLC (DIRECTV) for special temporary authority, IBFS File Nos. SAT-STA-20150716-00048 and SAT-STA-20150716-00049, ARE GRANTED. Accordingly, DIRECTV is authorized for a period of 30 days, commencing July 13, 2015, to continue in-orbit testing (IOT) at the 66.8° W.L. orbital location of the DIRECTV 15 Fixed-Satellite Service space station (Call Sign S2930) using the 28.35-28.6 GHz, 29.25-29.29 GHz, and 29.5-30.0 GHz (Earth-to-space), and 18.3-18.59 GHz and 19.7-20.2 GHz (space-to-Earth) frequency bands, and to continue IOT of the hosted RB-2 Broadcasting Satellite Service (BSS) payload (Call Sign S2712) using the 17.3-17.7 GHz (space-to-Earth) and the 24.75-25.15 GHz (Earth-to-space) frequency bands.<sup>1</sup> DIRECTV is authorized to conduct Telemetry, Tracking, and Control (TT&C) for DIRECTV 15 and the RB-2 payload using the 29502.5 MHz and 29505.9 MHz (Earth-to-space), and 20198.5 MHz and 20199.55 MHz (space-to-Earth) frequency bands. Upon completion of IOT, DIRECTV is also authorized to conduct TT&C operations necessary to drift DIRECTV 15 and the RB-2 payload from the 66.8° W.L. orbital location to the assigned 102.75° W.L. orbital location. Operations under this authorization are subject to the terms, conditions, and technical specifications set forth in DIRECTV's application and the Federal Communications Commission's rules, and are subject to the conditions set forth below.

1. All operations under this grant of special temporary authority must be on an unprotected and non-harmful interference basis. DIRECTV must not cause harmful interference to, and shall not claim protection from interference caused to it by, any other lawfully operating radio communication system. In the event of any harmful interference as a result of operations under this grant of special temporary authority, DIRECTV must cease operations immediately upon notification of such interference and must immediately inform the Commission, in writing, of such an event.

2. DIRECTV must coordinate operations of DIRECTV 15 and the RB-2 payload with existing geostationary space stations to ensure that no unacceptable interference results from its operations at the 66.8° W.L. orbital location or during drift to the 102.75° W.L. orbital location.

3. DIRECTV 15's and the RB-2 payload's operations at 66.8° W.L. must be limited to IOT and shall not include the provision of commercial services.

4. DIRECTV must operate only the TT&C frequencies authorized for DIRECTV 15 and RB-2 during the space station's drift from the 66.8° W.L. orbital location to the 102.75° W.L.

5. During IOT, DIRECTV must maintain the DIRECTV 15 space station with an east/west longitudinal station-keeping tolerance of +/- 0.05 degrees of the 66.8° W.L. orbital location.

6. 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.

\* with conditions



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Approved: Stephen J. Duell

<sup>1</sup> Request for Special Temporary Authority for In-Orbit Testing of DIRECTV 15 and DIRECTV RB-2 at 66.8° W.L., IBFS File Nos. SAT-STA-20150415-00023 (May 28, 2015) and SAT-STA-20150421-00028 (May 7, 2015); see also Application for Minor Modification of Authority to Launch and Operate DIRECTV RB-2, IBFS File No. SAT-MOD-20140612-00066 (June 12, 2014).

2. Contact			
<b>Name:</b>	William M. Wiltshire	<b>Phone Number:</b>	202-730-1350
<b>Company:</b>	Harris, Wiltshire & Grannis LLP	<b>Fax Number:</b>	202-730-1301
<b>Street:</b>	1919 M Street NW Suite 800	<b>E-Mail:</b>	wwiltshire@hwglaw.com
<b>City:</b>	Washington	<b>State:</b>	DC
<b>Country:</b>	USA	<b>Zipcode:</b>	20036 -
<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 SATSTA2015041500023 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    CRY – Space Station (Geostationary)			
5. Type Request			
<input type="radio"/> Change Station Location <input checked="" type="radio"/> Extend Expiration Date <input type="radio"/> Other			
6. Temporary Orbit Location 66.8 WL		7. Requested Extended Expiration Date 2015-08-14 00:00:00.0	

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 hereby requests extension of its existing Special Temporary Authorization for in-orbit testing of DIRECTV 15 at the 66.8 W.L. orbital location and for migration thereafter.

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  
Romulo Pontual

11. Title of Person Signing  
Executive Vice President

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.**

July 14, 2015

**BY ELECTRONIC FILING**

Marlene H. Dortch  
Secretary  
Federal Communications Commission  
445 Twelfth Street, S.W.  
Washington, DC 20554

Re: *Request for Extension of Special Temporary Authority for DIRECTV 15  
and DIRECTV RB-2*

Dear Ms. Dortch:

The Commission has granted DIRECTV Enterprises, LLC (“DIRECTV”) Special Temporary Authority (“STA”) to locate the DIRECTV 15 satellite (call sign S2930) along with the DIRECTV RB-2 payload (call sign S2712) at the 66.8° W.L. orbital location for in-orbit testing (“IOT”) after launch of the satellite, and to drift the satellite to its licensed orbital location at 102.75° W.L. upon completion of testing.<sup>1</sup>

The satellite is still undergoing IOT. DIRECTV estimates that drifting the satellite to its assigned location thereafter will take approximately 26 days. Accordingly, DIRECTV requests an extension of its existing STAs with respect to telemetry, tracking and control (“TT&C”) functions for an additional thirty (30) days to cover the period required to complete IOT and for relocation of the satellite. During the period covered by these STA extensions, DIRECTV will use 29502.5 and 29505.9 MHz for its command uplinks and 20198.5 and 20199.55 MHz for its telemetry downlinks. DIRECTV will coordinate with potentially affected satellite operators in accordance with industry practice, and will operate on a non-interference basis during this migration.

Grant of this STA request will serve the public interest by allowing DIRECTV to complete IOT and for relocation of the DIRECTV 15/RB-2 satellite so that it can begin providing service to millions of DIRECTV subscribers from the satellite’s licensed orbital location. Accordingly, and in light of the impending completion of IOT, DIRECTV requests the expeditious grant of this extension request.

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<sup>1</sup> See Grant Stamps, IBFS File Nos. SAT-STA-20150415-00023 (May 28, 2015) and SAT-STA-20150421-00028 (May 7, 2015).

**HARRIS, WILTSHIRE & GRANNIS LLP**

Marlene H. Dortch  
July 14, 2015  
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Respectfully submitted,

/s/

William M. Wiltshire  
*Counsel to DIRECTV Enterprises, LLC*