

S2797 SAT-STA-20091201-00133 IB2009007811
DIRECTV Enterprises, LLC

File # SAT-STA-20091201-00133

Call Sign S2797 Grant Date 03/08/16

(or other identifier)

Term Dates period of To: 30 days

Approved by OMB
3060-0678

Approved: *Stephen J. Duall*
Stephen J. Duall
Chief/Satellite Policy Branch

Date & Time Filed: Dec 1 2009 4:06:25:303PM
File Number: SAT-STA-20091201-00133
Callsign:



*subject to conditions

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:

Request for Special Temporary Authority for In-Orbit Drift of DIRECTV 12 (S2797) from 76

1. Applicant

Name:	DIRECTV Enterprises, LLC	Phone Number:	310-964-3982
DBA Name:		Fax Number:	310-964-4883
Street:	2230 E. Imperial Hwy CA/LAI/N340	E-Mail:	bmrregan@directv.com
City:	El Segundo	State:	CA
Country:	USA	Zipcode:	90245
Attention:	Mr Brian M Regan		

ATTACHMENT
Conditions of Authorization
IBFS File No. SAT-STA-20091201-00133
Call Sign S2797
Grant Date: March 08, 2010

The request of DIRECTV Enterprises, LLC (DIRECTV) for special temporary authority (STA), IBFS File No. SAT-STA-20091201-00133, is granted. Accordingly, DIRECTV is authorized to conduct telemetry, tracking and telecommand (TT&C) operations on the 29255.00 MHz and 29497.00 MHz command uplinks, and the 18302.25 MHz and 18302.75 MHz telemetry downlinks, during the drift of the DIRECTV 12/RB-2A satellite to its authorized 102.765° W.L. orbital location. This authorization is granted in accordance with the terms, conditions, and technical specifications set forth in DIRECTV's applications and supplement, the conditions set forth in this Attachment, and the Commission's rules.

1. All operations shall be on an unprotected and non-harmful interference basis, i.e., DIRECTV shall not cause harmful interference to, and shall not claim protection from interference cause to it, by any other lawfully operating radiocommunication system.

2. In the event of any harmful interference as a result of the operations of the DIRECTV 12/RB-2A satellite during relocation of the satellite to the 102.765° W.L. orbital location, DIRECTV shall cease operations immediately upon notification of such interference and shall immediately inform the Commission, in writing, of such an event.

3. DIRECTV must coordinate prior to any use, all of its Ka-band downlink operations with Federal fixed-satellite systems, both geostationary and non-geostationary, in accordance with footnote US334 to the Table of Frequency Allocations, 47 C.F.R. § 2.106. Absent a coordination agreement pursuant to footnote US334, DIRECTV shall operate its Ka-band downlinks on a non-harmful interference basis with regard to Federal systems within the 18.3-18.8 GHz band and must terminate its Ka-band downlink operations immediately in the event that such operations cause harmful interference into operating Federal systems. In addition, DIRECTV must accept interference from such Federal fixed-satellite systems absent a coordination agreement pursuant to footnote US 334.

4. DIRECTV may not operate the DIRECTV 12 or the RB-2A communications payload during the drift of the DIRECTV 12/RB-2A satellite from the 76° W.L. orbital location to its assigned 102.765° W.L. orbital location.

5. DIRECTV shall coordinate its TT&C operations with existing geostationary satellites to ensure that no unacceptable interference results from its TT&C operations during the drift of the DIRECTV 12/RB-2A satellite from the 76° W.L. orbital location to its assigned 102.765° W.L. orbital location.

6. Any action taken or expense incurred as a result of operations pursuant to this STA is at DIRECTV's own risk.

7. DIRECTV is afforded thirty days from the date of release of this authorization to decline this authorization as conditioned. Failure to respond within this period will constitute formal acceptance of the authorization as conditioned.

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8. 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. Petitions for reconsideration under Section 1.106 or applications for review under Section 1.115 of the Commission's rules, 47 C.F.R. §§ 1.106, 1.115, may be filed within 30 days of the date of the public notice indicating that this action was taken.



*subject to
conditions

File # SAT-STA-20091201-00133

Call Sign S2797 Grant Date 03/08/10
(or other identifier)

Term Dates period of
From 03/08/10 To: 30 days

Approved: Stephen J. Duall

Stephen J. Duall
Chief, Satellite Policy Branch

2. Contact			
Name:	William M. Wiltshire	Phone Number:	202-730-1350
Company:	Wiltshire & Grannis LLP	Fax Number:	202-730-1301
Street:	1200 18th Street, NW	E-Mail:	wwiltshire@wiltshiregrannis.com
City:	Washington	State:	DC
Country:	USA	Zipcode:	20036 -
Attention:	William M. Wiltshire	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?			
<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). Governmental Entity 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		Extend Expiration Date Other	
6. Temporary Orbit Location 76 W.L.		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.) <div style="border: 1px solid black; padding: 5px; margin-top: 5px;"> DIRECTV Enterprises, LLC requests Special Temporary Authority to drift the DIRECTV 12 satellite from the 76 degree W.L. orbital location to its licensed orbital location. </div>	
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. <div style="display: flex; justify-content: space-between; margin-top: 10px;"> Yes <input checked="" type="radio"/> No </div>	
10. Name of Person Signing James Butterworth	11. Title of Person Signing Senior Vice President
12. Please supply any need attachments. <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <div style="border: 1px solid black; padding: 2px;">Attachment 1: STA Request</div> <div style="border: 1px solid black; padding: 2px;">Attachment 2:</div> <div style="border: 1px solid black; padding: 2px;">Attachment 3:</div> </div>	
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.

December 1, 2009

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

Re: ***Request for Special Temporary Authority for In-Orbit Drift of
DIRECTV 12 from 76° W.L. to 103° W.L.***
Call Sign: S2797

Dear Ms. Dortch:

DIRECTV Enterprises, LLC ("DIRECTV") hereby requests Special Temporary Authority ("STA") to drift the DIRECTV 12 satellite from the 76° W.L. orbital location to the location it has requested for licensing at 103° W.L. (nominal). DIRECTV intends to conduct in-orbit testing ("IOT") of DIRECTV 12 after launch of the satellite, which is currently scheduled for late December 2009. This STA will cover the use of Ka-band frequencies for telemetry, tracking and command ("TT&C") functions for a period commencing upon completion of IOT at 76° W.L. through migration of the satellite to its requested position at the nominal 103° W.L. location. DIRECTV will use 29255.00 and 29497.00 MHz for its command uplinks and 18302.25 and 18302.75 MHz for its telemetry downlinks. DIRECTV anticipates that this relocation process will occur over a period of approximately 20 days, and requests that this STA be keyed to become effective upon completion of IOT at 76° W.L.

DIRECTV 12 is currently at the launch site being readied for launch later this month. DIRECTV intends to conduct IOT for approximately four weeks before moving the satellite to its licensed position to begin commercial operations. Specifically, DIRECTV contemplates the following schedule, with approximate dates indicated in [brackets]:

- After launch and orbit raising maneuvers, DIRECTV 12 will be located at 76° W.L. [no earlier than February 15, 2010].
- After DIRECTV 12 reaches 76° W.L., DIRECTV will then commence IOT of the satellite for approximately four weeks.

Marlene H. Dortch
December 1, 2009
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- After IOT is completed, DIRECTV 12 will then be drifted to its assigned location over the course of approximately 20 days [reaching that orbital position no later than May 5, 2010].

Operation of the TT&C functions of DIRECTV 12 during this maneuver will not result in harmful interference to other satellite systems. DIRECTV will coordinate its TT&C operations during drift with all other potentially affected operators to ensure that no harmful interference results. Furthermore, DIRECTV is prepared to terminate all operations immediately upon notification from the Commission that its operations cause harmful interference to any authorized user of the spectrum.

Grant of this STA request will serve the public interest by allowing DIRECTV to relocate the DIRECTV 12 satellite to its licensed orbital location after testing to ensure that it is fully operational and ready to begin providing service to millions of DIRECTV subscribers. Accordingly, and in light of the impending launch date, DIRECTV requests the expeditious grant of special temporary authority.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "William M. Wiltshire". The signature is fluid and cursive, with a large initial "W" and a stylized "M".

William M. Wiltshire
Counsel to DIRECTV Enterprises, LLC