

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:
STA request for RB earth station SES-LIC-2009100101263

1. Applicant

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

With Conditions



File # SES-STA-20091006-01287

Call Sign E090173 Grant Date 10/22/09
(or other identifier)

Term Dates
From 10/22/09 To: 30 days

Approved: Jeannette D. Sprigg

ATTACHMENT

Conditions of Authorization

File No. SES-STA-20091006-01287
Call Sign: E090173

Grant Date: October 22, 2009

1. DIRECTV is authorized to transmit a continuous wave signal (NON emission) on 25.15 GHz (Earth-to-space) with a maximum EIRP of 87.6 dBW and receive on 17.7 GHz (space-to-Earth).
2. 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 caused to it by, any other lawfully operating radiocommunication system.
3. In the event of any harmful interference as a result of DIRECTV 11's operations, DIRECTV shall cease operations immediately upon notification of such interference and shall inform the Commission, in writing, immediately of such an event.
4. Any action taken or expense incurred as a result of operations pursuant to this special temporary authority is solely at DIRECTV's own risk.

With Conditions



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(or other identifier)
Term Dates
From 10/22/09 To: 30 days
Approved: Jeanette N. Spragg

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 SESLIC2009100101263 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

10/19/2009

7. City Moxee	8. Latitude (dd mm ss.s h) 46 33 55.1 N
9. State WA	10. Longitude (dd mm ss.s h) 120 23 56.8 W
11. Please supply any need attachments. Attachment 1: STA Request 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.) <div style="border: 1px solid black; padding: 5px; margin: 10px 0;">Directv Enterprises, LLC requests Special Temporary Authority to test a satellite earth station located in Moxee, WA.</div>	
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. <input checked="" type="radio"/> Yes <input type="radio"/> No	
14. Name of Person Signing James Butterworth	15. Title of Person Signing Senior Vice President
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.

REQUEST FOR SPECIAL TEMPORARY AUTHORITY

DIRECTV Enterprises, LLC (“DIRECTV”) hereby requests Special Temporary Authority (“STA”) to test a satellite earth station located in **Moxee, WA** that is nearing completion by communicating with the 17/24 GHz BSS payload on the DIRECTV 11 satellite at the 99.225° W/L. orbital location for a period of up to 30 days beginning on or about October 19, 2009.

DIRECTV 11 was launched on March 19, 2008. While the primary payload on that satellite operates using Ka-band frequencies, there is also a 17/24 GHz BSS payload that was operated for a brief period following launch under an experimental authorization.¹ The launch of another, more capable 17/24 GHz BSS payload (referred to as DIRECTV RB2-A) is scheduled for later this year. In anticipation of that launch, DIRECTV has been constructing a feeder link earth station that will operate in this band.² That earth station will be ready for antenna testing later this month, and the payload on DIRECTV 11 is the only one DIRECTV is aware of that actually operates in this band.

There are no other 17/24 GHz BSS satellites yet in operation, and the nearest DBS satellite is located more than 1.5° away – and is also operated by DIRECTV. Accordingly, DIRECTV anticipates no difficulty in coordinating its proposed operations. Furthermore, DIRECTV is prepared to terminate all testing 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 test its earth station – the first to seek licensing in the 17/24 GHz band – to ensure that it is fully operational, compliant with FSS performance requirements, and ready to begin providing service to DIRECTV subscribers in advance of the launch of DIRECTV RB2-A.

¹ See OET File No. 0544-EX-ST-2007 (call sign WD9XCJ). DIRECTV will also seek an STA for this payload, operating in conformity with the parameters set forth in its application for experimental authorization.

² See IBFS File No. SES-LIC-20091001-01263.