

Approved by OMB
3060-0678

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:
STA re New earth station -SWDF KA3

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 Condition



File # SES-STA-20100623-00750

Call Sign E100080 Grant Date 6/30/2010
(or other identifier)

Term Dates
From 7/5/2010 To: 9/5/2010

Approved: *Jeanette R. Spriggs*

Attachment

SES-STA-20100623-00750
E100080

Condition:

The 17.8 - 20.2 GHz band is shared with U.S. Government space stations and associated earth stations in the fixed-Satellite Services. Services within the United States over the satellite network of which this is a cooperating earth station are subject to coordination under US334 and operation of the earth station(s) authorized herein will be subject to any technical constraints resulting from this coordination.

With Condition

File # SES-STA-20100623-00750

Call Sign E100080 Grant Date 01/30/2010
(or other identifier)

Term Dates
From 7/5/2010 To: 2/5/2010

Approved: *Deanne D. Spriggs*



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 IB2010001938

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

7. CityBenson	8. Latitude (dd mm ss.s h) 31 58 22.5 N
9. State AZ	10. Longitude (dd mm ss.s h) 110 18 16.8 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.) DIRECTV Enterprises, LLC hereby requests Special Temporary Authority for up to 60 days beginning July 5, 2010 to conduct on-site testing of the 9.1-meter Ka-band earth station antenna recently installed at DIRECTV Benson, AZ location, while its license application is being processed.	
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. ☒ Yes ☐ 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") for up to 60 days beginning July 5, 2010 to conduct on-site testing of the 9.1-meter Ka-band earth station antenna recently installed at DIRECTV's Benson, AZ site, while its license application is being processed (*see* File No. SES-LIC-INTR-01938). During these tests, the earth station will communicate with the DIRECTV's existing in-orbit Ka-band satellites within the parameters set forth in the above referenced application. In addition, DIRECTV will test the antenna's ability to sustain full-power operations over an extended period (approximately 24 hours). Again, these full power operations will be consistent with the underlying application. For this part of the testing, DIRECTV will point the antenna to an elevation angle of approximately 85° (i.e. near zenith) which will direct the main beam of the antenna well away (i.e., >25°) from the geostationary arc, which further mitigates any remote potential for interference. DIRECTV will, of course, operate on a non-interference basis and immediately discontinue transmissions if alerted to any problems.

The requested STA would serve the public interest by allowing DIRECTV to perform the testing necessary to establish the performance of its earth station antenna and resolve any issues in preparation for the expansion of local-into-local services DIRECTV expects to implement from its Ka-band DIRECTV 11 satellite, which is scheduled to be launched next month. Accordingly, DIRECTV respectfully requests that the Commission grant this STA request as expeditiously as possible.