

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE**

EXPERIMENTAL

(Nature of Service)

WD2XHO

(Call Sign)

XD FX MO

(Class of Station)

0182-EX-RR-2006

(File Number)

NAME District of Columbia, Office of the Chief Technology Officer

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.3(i) of the Commission's Rules

Station Locations

- (1) Washington, DC - NL 38-53-41; WL 77-00-56; MOBILE: within the geographic boundaries of the District of Columbia
- (2) Washington, DC - NL 38-54-06; WL 77-03-02; MOBILE: within the geographic boundaries of the District of Columbia
- (3) Washington, DC - NL 38-55-02; WL 77-01-57; MOBILE: within the geographic boundaries of the District of Columbia
- (4) Washington, DC - NL 38-54-42; WL 77-04-38; MOBILE: within the geographic boundaries of the District of Columbia
- (5) Washington, DC - NL 38-56-39; WL 77-03-59; MOBILE: within the geographic boundaries of the District of Columbia
- (6) Washington, DC - NL 38-55-37; WL 76-58-51; MOBILE: within the geographic boundaries of the District of Columbia
- (7) Washington, DC - NL 38-57-44; WL 77-01-35; MOBILE: Within the geographic boundaries of the District of Columbia
- (8) Washington, DC - NL 38-50-55; WL 76-59-13; MOBILE: Within the geographic boundaries of the District of Columbia
- (9) Washington, DC - NL 38-56-17; WL 77-06-30; MOBILE: Within the geographic boundaries of the District of Columbia
- (10) Washington, DC - NL 38-53-06; WL 77-06-30; MOBILE: Within the geographic boundaries of the District of Columbia
- (11) Washington, DC - NL 38-53-51; WL 77-01-59; MOBILE: within the geographic boundaries of the District of Columbia
- (12) Washington, DC - NL 38-53-22; WL 76-56-21; MOBILE:

This authorization effective September 01, 2006 and
will expire 3:00 A.M. EST August 01, 2007

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Washington, DC - NL 38-53-41; WL 77-00-56; MOBILE: within the geographic boundaries of the District of Columbia

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
752.65-756 MHz	FX	1M25D7D	250 W (ERP)	
752.65-756 MHz	MO	1M25D7D	400 mW (ERP)	
752.65-756 MHz	MO	1M25D7D	600 mW (ERP)	
800.65-804 MHz	FX	1M25D7D	250 W (ERP)	
800.65-804 MHz	MO	1M25D7D	400 mW (ERP)	

Washington, DC - NL 38-54-06; WL 77-03-02; MOBILE: within the geographic boundaries of the District of Columbia

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
752.65-756 MHz	FX	1M25D7D	250 W (ERP)	
752.65-756 MHz	MO	1M25D7D	400 mW (ERP)	
752.65-756 MHz	MO	1M25D7D	600 mW (ERP)	
800.65-804 MHz	FX	1M25D7D	250 W (ERP)	

Frequency Information

Washington, DC - NL 38-54-06; WL 77-03-02; MOBILE: within the geographic boundaries of the District of Columbia

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
800.65-804 MHz	MO	1M25D7D	400 mW (ERP)	

Washington, DC - NL 38-55-02; WL 77-01-57; MOBILE: within the geographic boundaries of the District of Columbia

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
752.65-756 MHz	FX	1M25D7D	250 W (ERP)	
752.65-756 MHz	MO	1M25D7D	400 mW (ERP)	
752.65-756 MHz	MO	1M25D7D	600 mW (ERP)	
800.65-804 MHz	FX	1M25D7D	250 W (ERP)	
800.65-804 MHz	MO	1M25D7D	400 mW (ERP)	

Washington, DC - NL 38-54-42; WL 77-04-38; MOBILE: within the geographic boundaries of the District of Columbia

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
752.65-756 MHz	FX	1M25D7D	250 W (ERP)	

Frequency Information

Washington, DC - NL 38-54-42; WL 77-04-38; MOBILE: within the geographic boundaries of the District of Columbia

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
752.65-756 MHz	MO	1M25D7D	400 mW (ERP)	
752.65-756 MHz	MO	1M25D7D	600 mW (ERP)	
800.65-804 MHz	FX	1M25D7D	250 W (ERP)	
800.65-804 MHz	MO	1M25D7D	400 mW (ERP)	

Washington, DC - NL 38-56-39; WL 77-03-59; MOBILE: within the geographic boundaries of the District of Columbia

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
752.65-756 MHz	FX	1M25D7D	250 W (ERP)	
752.65-756 MHz	MO	1M25D7D	400 mW (ERP)	
752.65-756 MHz	MO	1M25D7D	600 mW (ERP)	
800.65-804 MHz	FX	1M25D7D	250 W (ERP)	
800.65-804 MHz	MO	1M25D7D	400 mW (ERP)	

Frequency Information

Washington, DC - NL 38-55-37; WL 76-58-51; MOBILE: within the geographic boundaries of the District of Columbia

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
752.65-756 MHz	FX	1M25D7D	250 W (ERP)	
752.65-756 MHz	MO	1M25D7D	400 mW (ERP)	
752.65-756 MHz	MO	1M25D7D	600 mW (ERP)	
800.65-804 MHz	FX	1M25D7D	250 W (ERP)	
800.65-804 MHz	MO	1M25D7D	400 mW (ERP)	

Washington, DC - NL 38-57-44; WL 77-01-35; MOBILE: Within the geographic boundaries of the District of Columbia

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
752.65-756 MHz	FX	1M25D7D	250 W (ERP)	
752.65-756 MHz	MO	1M25D7D	400 mW (ERP)	
752.65-756 MHz	MO	1M25D7D	600 mW (ERP)	
800.65-804 MHz	FX	1M25D7D	250 W (ERP)	

Frequency Information

Washington, DC - NL 38-57-44; WL 77-01-35; MOBILE: Within the geographic boundaries of the District of Columbia

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
800.65-804 MHz	MO	1M25D7D	400 mW (ERP)	

Washington, DC - NL 38-50-55; WL 76-59-13; MOBILE: Within the geographic boundaries of the District of Columbia

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
752.65-756 MHz	FX	1M25D7D	250 W (ERP)	
752.65-756 MHz	MO	1M25D7D	400 mW (ERP)	
752.65-756 MHz	MO	1M25D7D	600 mW (ERP)	
800.65-804 MHz	FX	1M25D7D	250 W (ERP)	
800.65-804 MHz	MO	1M25D7D	400 mW (ERP)	

Washington, DC - NL 38-56-17; WL 77-06-30; MOBILE: Within the geographic boundaries of the District of Columbia

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
752.65-756 MHz	FX	1M25D7D	250 W (ERP)	

Frequency Information

Washington, DC - NL 38-56-17; WL 77-06-30; MOBILE: Within the geographic boundaries of the District of Columbia

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
752.65-756 MHz	MO	1M25D7D	400 mW (ERP)	
752.65-756 MHz	MO	1M25D7D	600 mW (ERP)	
800.65-804 MHz	FX	1M25D7D	250 W (ERP)	
800.65-804 MHz	MO	1M25D7D	400 mW (ERP)	

Washington, DC - NL 38-53-06; WL 77-06-30; MOBILE: Within the geographic boundaries of the District of Columbia

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
752.65-756 MHz	FX	1M25D7D	250 W (ERP)	
752.65-756 MHz	MO	1M25D7D	400 mW (ERP)	
752.65-756 MHz	MO	1M25D7D	600 mW (ERP)	
800.65-804 MHz	FX	1M25D7D	250 W (ERP)	
800.65-804 MHz	MO	1M25D7D	400 mW (ERP)	

Frequency Information

Washington, DC - NL 38-53-51; WL 77-01-59; MOBILE: within the geographic boudaries of the District of Columbia

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
752.65-756 MHz	FX	1M25D7D	250 W (ERP)	
800.85-804 MHz	MO	1M25D7D	400 mW (ERP)	

Washington, DC - NL 38-53-22; WL 76-56-21; MOBILE:

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
752.65-756 MHz	FX	1M25D7D	250 W (ERP)	
800.65-804 MHz	MO	1M25D7D	400 mW (ERP)	
800.65-804 MHz	MO	1M25D7D	600 mW (ERP)	

Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (2) Licensee should be aware that other stations may be licensed on these frequencies and if any interference occurs, the licensee of this authorization will be subject to immediate shut down.
- (3) Operation is subject to prior coordination with the Society of Broadcast Engineers, Inc. (SBE); ATTN: Executive Director; 9247 North Meridian Street, Suite 305; Indianapolis, IN 46260; telephone, (866) 632-4222; FAX, (317) 846-9120; e-mail, executivedir @ sbe.org; information, www.sbe.org.
- (4) Testing shall be confined within the borders of the District of Columbia and shall be conducted in cooperation with broadcasters licensed in the adjoining regions.
- (5) Licensee is required to file a PROGRESS REPORT every 6 months from the date of grant. This progress report shall be filed with Federal Communications Commission; Experimental Licensing Branch, MS 1300E1; 445 12 Street, S.W.; Washington, DC 20554.

Special Conditions:

- (6) These frequencies are for experimental purposes only and are not available for permanent use.
- (7) Operation is subject to prior coordination with television station WFPT(TV), channel 62, Frederick, MD. The licensee shall work closely with WFPT(TV) to ensure that no harmful interference is caused to its television operations.
- (8) The licensee will designate a point-of-contact to terminate transmissions if interference occurs and convey this contact information to WFPT(TV). Until otherwise notified, Guy Jouannelle at 240-447-0679 (cell) is the designated point-of-contact.