

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)

0039-EX-ML-2005

(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:

Frequency Information

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

This authorization effective March 29, 2005 and
will expire 3:00 A.M. EST September 01, 2006

**FEDERAL
COMMUNICATIONS
COMMISSION**



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

Frequency Information

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

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

Frequency Information

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

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

Frequency Information

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

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

Frequency Information

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

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

Frequency Information

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

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

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

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

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

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

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

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

Station Emission Authorized Frequency

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

752.65-756 MHz		MO		400 mW (ERP)	
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1M25D7D

752.65-756 MHz		MO		600 mW (ERP)	
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1M25D7D

800.65-804 MHz		FX		250 W (ERP)	
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1M25D7D

800.65-804 MHz		MO		400 mW (ERP)	
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1M25D7D

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

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

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

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

1M25D7D

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		400 mW (ERP)	

1M25D7D

800.65-804 MHz	MO	600 mW (ERP)
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1M25D7D

Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.

Special Conditions:

- (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.
- (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.