

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

EXPERIMENTAL

(Nature of Service)

WC2XZK

(Call Sign)

XD FX MO

(Class of Station)

0077-EX-ML-2004

(File Number)

NAME M/A COM PRIVATE RADIO SYSTEMS INC

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) LYNCHBURG (CAMPBELL), VA - NL 37-24-30; WL 79-12-53; MOBILE: LYNCHBURG (CAMPBELL), VA WITHIN 80 KM OF COORDINATES, within 80 km
- (2) LYNCHBURG (CAMPBELL), VA - NL 37-20-57; WL 79-10-05; MOBILE: LYNCHBURG (CAMPBELL), VA WITHIN 80 KM OF COORDINATES, within 80 km, centered around NL 37-20-57; WL 79-10-05

Frequency Information

LYNCHBURG (CAMPBELL), VA - NL 37-24-30; WL 79-12-53; MOBILE: LYNCHBURG (CAMPBELL), VA WITHIN 80 KM OF

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
25-50 MHz	FX		500 W (ERP)	0.0005 %
		11K2F3E		
		11K2F1D		
		11K2DXW		
		14K0F9W		
		15K0F1D		
		15K0F2B		
		15K0F2D		
		15K0F1E		
		16K0F2D		
		16K0F3E		
		16K0A3N		

This authorization effective January 10, 2005 and
will expire 3:00 A.M. EST June 01, 2005

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

LYNCHBURG (CAMPBELL), VA - NL 37-24-30; WL 79-12-53; MOBILE: LYNCHBURG (CAMPBELL), VA WITHIN 80 KM OF

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
25-50 MHz	FX	20K0F1E	500 W (ERP)	0.0005 %
25-50 MHz	MO	11K2F3E 11K2F1D 11K2DXW 14K0F9W 15K0F1D 15K0F2B 15K0F2D 15K0F1E 16K0F2D 16K0F3E 16K0A3N 20K0F1E	500 W (ERP)	0.0005 %
150-162.0125 MHz	MO	11K2F3E 11K2F1D 11K2DXW 14K0F9W 15K0F1D 15K0F2B 15K0F2D 15K0F1E 16K0F2D 16K0F3E 16K0A3N 20K0F1E	250 W (ERP)	0.0005 %
150-162.0125 MHz	FX	20K0F1E 16K0A3N 16K0F3E 16K0F2D	250 W (ERP)	0.0005 %

Frequency Information

LYNCHBURG (CAMPBELL), VA - NL 37-24-30; WL 79-12-53; MOBILE: LYNCHBURG (CAMPBELL), VA WITHIN 80 KM OF

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
150-162.0125 MHz	FX	15K0F1E 15K0F2D 15K0F2B 15K0F1D 14K0F9W 11K2DXW 11K2F1D 11K2F3E	250 W (ERP)	0.0005 %
162.0125-173.2 MHz	FX	11K2F3E 11K2F1D 11K2DXW	250 W (ERP)	0.0005 %
162.0125-173.2 MHz	MO	11K2F3E 11K2F1D 11K2DXW	250 W (ERP)	0.0005 %
173.2-174 MHz	FX	11K2F3E 11K2F1D 11K2DXW 14K0F9W 15K0F1D 15K0F2B 15K0F2D 15K0F1E 16K0F2D 16K0F3E 16K0A3N 20K0F1E	250 W (ERP)	0.0005 %

Frequency Information

LYNCHBURG (CAMPBELL), VA - NL 37-24-30; WL 79-12-53; MOBILE: LYNCHBURG (CAMPBELL), VA WITHIN 80 KM OF

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
173.2-174 MHz	MO	11K2DXW 11K2F1D 11K2F3E	250 W (ERP)	0.0005 %
450-512 MHz	FX	11K2F3E 11K2F1D 11K2DXW 14K0F9W 15K0F1D 15K0F2B 15K0F2D 15K0F1E 16K0F2D 16K0F3E 16K0A3N 20K0F1E	250 W (ERP)	0.0005 %
450-512 MHz	MO	11K2F3E 11K2F1D 11K2DXW 14K0F9W 15K0F1D 15K0F2B 15K0F2D 15K0F1E 16K0F2D 16K0F3E 16K0A3N 20K0F1E	250 W (ERP)	0.0005 %
746-806 MHz	FX	12K5F3E 12K5F1D	100 W (ERP)	0.0005 %

Frequency Information

LYNCHBURG (CAMPBELL), VA - NL 37-24-30; WL 79-12-53; MOBILE: LYNCHBURG (CAMPBELL), VA WITHIN 80 KM OF

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
746-806 MHz	FX	12K5DXW 15K0F1D 15K0F2B 15K0F2D 15K0F1E 16K0F2D 14K0F9W 16K0F3E 16K0A3N 36K0F3E 20K0F1E	100 W (ERP)	0.0005 %
746-806 MHz	MO	20K0F1E	100 W (ERP)	0.0005 %
806-821 MHz	FX	11K2F3E 11K2F1D 11K2DXW 14K0F9W 15K0F1D 15K0F2B 15K0F2D 15K0F1E 16K0F2D 16K0F3E 16K0A3N 20K0F1E 36K0F3E	100 W (ERP)	0.0005 %
806-821 MHz	MO	11K2F3E 11K2F1D 11K2DXW 14K0F9W	100 W (ERP)	0.0005 %

Frequency Information

LYNCHBURG (CAMPBELL), VA - NL 37-24-30; WL 79-12-53; MOBILE: LYNCHBURG (CAMPBELL), VA WITHIN 80 KM OF

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
806-821 MHz	MO	15K0F1D 15K0F2B 15K0F2D 15K0F1E 16K0F2D 16K0F3E 16K0A3N 20K0F1E 36K0F3E	100 W (ERP)	0.0005 %
851-866 MHz	FX	11K2F3E 11K2F1D 11K2DXW 14K0F9W 15K0F1D 15K0F2B 15K0F2D 15K0F1E 16K0F2D 16K0F3E 16K0A3N 20K0F1E 36K0F3E	500 W (ERP)	0.0005 %
851-866 MHz	MO	11K2F3E 11K2F1D 11K2DXW 14K0F9W 15K0F1D 15K0F2B 15K0F2D 15K0F1E 16K0F2D	500 W (ERP)	0.0005 %

Frequency Information

LYNCHBURG (CAMPBELL), VA - NL 37-24-30; WL 79-12-53; MOBILE: LYNCHBURG (CAMPBELL), VA WITHIN 80 KM OF

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
851-866 MHz	MO	16K0F3E 16K0A3N 20K0F1E 36K0F3E	500 W (ERP)	0.0005 %
896-901 MHz	FX	11K2F3E 11K2F1D 11K2DXW 14K0F9W 15K0F1D 15K0F2B 15K0F2D 15K0F1E 16K0F2D 16K0F3E 16K0A3N 20K0F1E 36K0F3E	500 W (ERP)	0.0005 %
896-901 MHz	MO	11K2F3E 11K2F1D 11K2DXW 14K0F9W 15K0F1D 15K0F2B 15K0F2D 15K0F1E 16K0F2D 16K0F3E 16K0A3N 20K0F1E	500 W (ERP)	0.0005 %

Frequency Information

LYNCHBURG (CAMPBELL), VA - NL 37-24-30; WL 79-12-53; MOBILE: LYNCHBURG (CAMPBELL), VA WITHIN 80 KM OF

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
896-901 MHz	MO	36K0F3E	500 W (ERP)	0.0005 %
935-940 MHz	FX	11K2F3E 11K2F1D 11K2DXW 14K0F9W 15K0F1D 15K0F2B 15K0F2D 15K0F1E 16K0F2D 16K0F3E 16K0A3N 20K0F1E 36K0F3E	500 W (ERP)	0.0005 %
935-940 MHz	MO	11K2F3E 11K2F1D 11K2DXW 14K0F9W 15K0F1D 15K0F2B 15K0F2D 15K0F1E 16K0F2D 16K0F3E 16K0A3N 20K0F1E 36K0F3E	500 W (ERP)	0.0005 %

Frequency Information

LYNCHBURG (CAMPBELL), VA - NL 37-24-30; WL 79-12-53; MOBILE: LYNCHBURG (CAMPBELL), VA WITHIN 80 KM OF

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4940-4990 MHz		20K0F1E	100 W (ERP)	0 %
4940-4990 MHz	FX	20K0F1E	100 W (ERP)	0.0005 %

LYNCHBURG (CAMPBELL), VA - NL 37-20-57; WL 79-10-05; MOBILE: LYNCHBURG (CAMPBELL), VA WITHIN 80 KM OF

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
25-50 MHz	FX	11K2F3E 11K2F1D 11K2DXW 14K0F9W 15K0F1D 15K0F2B 15K0F2D 15K0F1E 16K0F2D 16K0F3E 16K0A3N 20K0F1E	500 W (ERP)	0.0005 %
25-50 MHz	MO	11K2F3E 11K2F1D 11K2DXW 14K0F9W 15K0F1D 15K0F2B 15K0F2D 15K0F1E 16K0F2D	500 W (ERP)	0.0005 %

Frequency Information

LYNCHBURG (CAMPBELL), VA - NL 37-20-57; WL 79-10-05; MOBILE: LYNCHBURG (CAMPBELL), VA WITHIN 80 KM OF

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
25-50 MHz	MO	16K0F3E 16K0A3N 20K0F1E	500 W (ERP)	0.0005 %
150-162.0125 MHz	FX	11K2F3E 11K2F1D 11K2DXW 14K0F9W 15K0F1D 15K0F2B 15K0F2D 15K0F1E 16K0F2D 16K0F3E 16K0A3N 20K0F1E	250 W (ERP)	0.0005 %
150-162.0125 MHz	MO	11K2F3E 11K2F1D 11K2DXW 14K0F9W 15K0F1D 15K0F2B 15K0F2D 15K0F1E 16K0F2D 16K0F3E 16K0A3N 20K0F1E	250 W (ERP)	0.0005 %
162.0125-173.2 MHz	FX	11K2DXW 11K2F1D	250 W (ERP)	0.0005 %

Frequency Information

LYNCHBURG (CAMPBELL), VA - NL 37-20-57; WL 79-10-05; MOBILE: LYNCHBURG (CAMPBELL), VA WITHIN 80 KM OF

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
162.0125-173.2 MHz	FX	11K2F3E	250 W (ERP)	0.0005 %
162.0125-173.2 MHz	MO	11K2DXW 11K2F1D 11K2F3E	250 W (ERP)	0.0005 %
173.2-174 MHz	FX	11K2F3E 11K2F1D 11K2DXW 14K0F9W 15K0F1D 15K0F2B 15K0F2D 15K0F1E 16K0F2D 16K0F3E 16K0A3N 20K0F1E	250 W (ERP)	0.0005 %
173.2-174 MHz	MO	11K2F3E 11K2F1D 11K2DXW 14K0F9W 15K0F1D 15K0F2B 15K0F2D 15K0F1E 16K0F2D 16K0F3E 16K0A3N	250 W (ERP)	0.0005 %

Frequency Information

LYNCHBURG (CAMPBELL), VA - NL 37-20-57; WL 79-10-05; MOBILE: LYNCHBURG (CAMPBELL), VA WITHIN 80 KM OF

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
173.2-174 MHz	MO	20K0F1E	250 W (ERP)	0.0005 %
450-512 MHz	FX	11K2F3E 11K2F1D 11K2DXW 14K0F9W 15K0F1D 15K0F2B 15K0F2D 15K0F1E 16K0F2D 16K0F3E 16K0A3N 20K0F1E	250 W (ERP)	0.0005 %
450-512 MHz	MO	11K2F3E 11K2F1D 11K2DXW 14K0F9W 15K0F1D 15K0F2B 15K0F2D 15K0F1E 16K0F2D 16K0F3E 16K0A3N 20K0F1E	250 W (ERP)	0.0005 %
746-806 MHz	FX		100 W (ERP)	0.0005 %

Frequency Information

LYNCHBURG (CAMPBELL), VA - NL 37-20-57; WL 79-10-05; MOBILE: LYNCHBURG (CAMPBELL), VA WITHIN 80 KM OF

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
746-806 MHz	MO		100 W (ERP)	0.0005 %
806-821 MHz	FX		100 W (ERP)	0.0005 %
		11K2F3E		
		11K2F1D		
		11K2DXW		
		14K0F9W		
		15K0F1D		
		15K0F2B		
		15K0F2D		
		15K0F1E		
		16K0F2D		
		16K0F3E		
		16K0A3N		
		20K0F1E		
		36K0F3E		
806-821 MHz	MO		100 W (ERP)	0.0005 %
		11K2F3E		
		11K2F1D		
		11K2DXW		
		14K0F9W		
		15K0F1D		
		15K0F2B		
		15K0F2D		
		15K0F1E		
		16K0F2D		
		16K0F3E		
		16K0A3N		
		20K0F1E		
		36K0F3E		
851-866 MHz	FX		500 W (ERP)	0.0005 %
		11K2F3E		
		11K2F1D		

Frequency Information

LYNCHBURG (CAMPBELL), VA - NL 37-20-57; WL 79-10-05; MOBILE: LYNCHBURG (CAMPBELL), VA WITHIN 80 KM OF

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
851-866 MHz	FX	11K2DXW 14K0F9W 15K0F1D 15K0F2B 15K0F2D 15K0F1E 16K0F2D 16K0F3E 16K0A3N 20K0F1E 36K0F3E	500 W (ERP)	0.0005 %
851-866 MHz	MO	11K2F3E 11K2F1D 11K2DXW 14K0F9W 15K0F1D 15K0F2B 15K0F2D 15K0F1E 16K0F2D 16K0F3E 16K0A3N 20K0F1E 36K0F3E	500 W (ERP)	0.0005 %
896-901 MHz	FX	11K2F3E 11K2F1D 11K2DXW 14K0F9W 15K0F1D 15K0F2B 15K0F2D	500 W (ERP)	0.0005 %

Frequency Information

LYNCHBURG (CAMPBELL), VA - NL 37-20-57; WL 79-10-05; MOBILE: LYNCHBURG (CAMPBELL), VA WITHIN 80 KM OF

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
896-901 MHz	FX	15K0F1E 16K0F2D 16K0F3E 16K0A3N 20K0F1E 36K0F3E	500 W (ERP)	0.0005 %
896-901 MHz	MO	11K2F3E 11K2F1D 11K2DXW 14K0F9W 15K0F1D 15K0F2B 15K0F2D 15K0F1E 16K0F2D 16K0F3E 16K0A3N 20K0F1E 36K0F3E	500 W (ERP)	0.0005 %
935-940 MHz	FX	11K2F3E 11K2F1D 11K2DXW 14K0F9W 15K0F1D 15K0F2B 15K0F2D 15K0F1E 16K0F2D 16K0F3E 16K0A3N 20K0F1E	500 W (ERP)	0.0005 %

Frequency Information

LYNCHBURG (CAMPBELL), VA - NL 37-20-57; WL 79-10-05; MOBILE: LYNCHBURG (CAMPBELL), VA WITHIN 80 KM OF

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
935-940 MHz	FX	36K0F3E	500 W (ERP)	0.0005 %
935-940 MHz	MO	11K2F3E 11K2F1D 11K2DXW 14K0F9W 15K0F1D 15K0F2B 15K0F2D 15K0F1E 16K0F2D 16K0F3E 16K0A3N 20K0F1E 36K0F3E	500 W (ERP)	0.0005 %
4940-4990 MHz		20K0F1E	100 W (ERP)	0.00005 %
4940-4990 MHz	FX	20K0F1E	100 W (ERP)	0.0005 %

Special Conditions:

- (1) Operation is subject to prior coordination with the Associated Public Safety Communications Officers, Inc. (APCO); ATTN: Ronald Haraseth; 351 North Williamson Blvd.; Daytona Beach, FL 32114-1112; Telephone: (386) 322-2500.
- (2) 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.
- (3) Operations are restricted to the land mobile service business industrial pool frequencies listed in 47 CFR, Part 90.35 and use of these frequencies must be coordinated with the appropriate land mobile frequency coordinator.