

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

EXPERIMENTAL

(Nature of Service)

XD FX

(Class of Station)

WE2XUA

(Call Sign)

0199-EX-RR-2008

(File Number)

NAME Marshall Communications Corporation

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) Ashburn (LOUDOUN), VA - NL 39-02-37; WL 77-29-15

Frequency Information

Ashburn (LOUDOUN), VA - NL 39-02-37; WL 77-29-15

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14.2-14.4 GHz	FX	N0NMXD	158 kW (ERP)	

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) In accordance with Article 4.4 of the ITU Radio Regulations, the operations authorized herein shall not cause harmful interference to, and shall not claim protection from harmful interference caused by, a station operating in accordance with the provisions of the ITU Constitution, the ITU Convention, and the ITU Radio Regulations.
- (4) Licensee shall comply with the EIRP density criteria set forth in Part 25.222(a)(1) through (a)(4) of the FCC's rules.
- (5) Maximum EIRP density allowed is 14 dBW/4kHz.

This authorization effective November 01, 2008 and
will expire 3:00 A.M. EST February 01, 2009

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (6) POINTS OF COMMUNICATION: Amazonas-1.
- (7) Operation is subject to prior coordination with incumbent licensees in accordance with Part 25.