

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL

(Nature of Service)

WD9XDV

(Call Sign)

XD FX MO

(Class of Station)

0005-EX-ST-2008

(File Number)

NAME Etherstack, Inc.

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

Purpose Of Operation:

Demonstration of a technology that permits legacy public safety transceivers to fulfill the requirements of operation based on the current APCO 25 waveform, C4FM.

Station Locations

(1) Las Vegas (CLARK), NV - NL 36-07-54; WL 115-09-16; MOBILE: , within 0.1 km

Frequency Information

Las Vegas (CLARK), NV - NL 36-07-54; WL 115-09-16; MOBILE: , within 0.1 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
35.04 MHz	MO	16K0F3E	5 W (ERP)	0.001 %
35.04 MHz	FX	16K0F3E	5 W (ERP)	0.001 %
151.505 MHz	FX	16K0F3E	5 W (ERP)	0.0003 %

This authorization effective February 04, 2008 and
will expire 3:00 A.M. EST March 01, 2008

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Las Vegas (CLARK), NV - NL 36-07-54; WL 115-09-16; MOBILE: , within 0.1 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
151.505 MHz	MO	16K0F3E	5 W (ERP)	0.0003 %
151.5125 MHz	FX	11K2F3E	5 W (ERP)	0.0003 %
151.5125 MHz	MO	11K2F3E	5 W (ERP)	0.0003 %
151.625 MHz	MO	16K0F3E	5 W (ERP)	0.0003 %
151.625 MHz	FX	16K0F3E	5 W (ERP)	0.0003 %
151.64 MHz	MO	6K00F3E	5 W (ERP)	0.0003 %
151.64 MHz	FX	6K00F3E	5 W (ERP)	0.0003 %
151.7 MHz	FX	11K2F3E	5 W (ERP)	0.0003 %
151.7 MHz	MO	11K2F3E	5 W (ERP)	0.0003 %
151.76 MHz	MO	11K2F3E	5 W (ERP)	0.0003 %

Frequency Information

Las Vegas (CLARK), NV - NL 36-07-54; WL 115-09-16; MOBILE: , within 0.1 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
151.76 MHz	FX	11K2F3E	5 W (ERP)	0.0003 %
154.5275 MHz	MO	11K2F3E	5 W (ERP)	0.0003 %
158.4 MHz	MO	16K0F3E	5 W (ERP)	0.0003 %
158.4 MHz	FX	16K0F3E	5 W (ERP)	0.0003 %
158.4075 MHz	MO	11K2F3E	5 W (ERP)	0.0003 %
158.4075 MHz	FX	11K2F3E	5 W (ERP)	0.0003 %
451.8 MHz	FX	16K0F3E	5 W (ERP)	0.0003 %
451.8 MHz	MO	16K0F3E	5 W (ERP)	0.0003 %
451.80625 MHz	MO	6K00F3E	5 W (ERP)	0.0003 %
451.80625 MHz	FX	6K00F3E	5 W (ERP)	0.0003 %

Frequency Information

Las Vegas (CLARK), NV - NL 36-07-54; WL 115-09-16; MOBILE: , within 0.1 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
451.8125 MHz	FX	11K2F3E	5 W (ERP)	0.0003 %
451.8125 MHz	MO	11K2F3E	5 W (ERP)	0.0003 %
451.81875 MHz	FX	6K00F3E	5 W (ERP)	0.0003 %
451.81875 MHz	MO	6K00F3E	5 W (ERP)	0.0003 %
456.8 MHz	FX	16K0F3E	5 W (ERP)	0.0003 %
456.8 MHz	MO	16K0F3E	5 W (ERP)	0.0003 %
456.80625 MHz	FX	6K00F3E	5 W (ERP)	0.0003 %
456.80625 MHz	MO	6K00F3E	5 W (ERP)	0.0003 %
456.8125 MHz	MO	11K2F3E	5 W (ERP)	0.0003 %
456.8125 MHz	FX	11K2F3E	5 W (ERP)	0.0003 %

Frequency Information

Las Vegas (CLARK), NV - NL 36-07-54; WL 115-09-16; MOBILE: , within 0.1 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
456.81875 MHz	FX	6K00F3E	5 W (ERP)	0.0003 %
456.81875 MHz	MO	6K00F3E	5 W (ERP)	0.0003 %
464.5 MHz	MO	16K0F3E	5 W (ERP)	0.0003 %
464.5 MHz	FX	16K0F3E	5 W (ERP)	0.0003 %
464.55 MHz	MO	16K0F3E	5 W (ERP)	0.0003 %
464.55 MHz	FX	16K0F3E	5 W (ERP)	0.0003 %
469.5 MHz	MO	16K0F3E	5 W (ERP)	0.0003 %
469.55 MHz	MO	16K0F3E	5 W (ERP)	0.0003 %

Special Conditions:

- (1) Prior to equipment authorization or a determination of compliance, the device must be accompanied by a conspicuous notice worded as follows: "This device has not been authorized as required by the rules of the Federal Communications Commission. This device is not, and may not be, offered for sale or lease, or sold or leased, until authorization is obtained."