

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

EXPERIMENTAL

(Nature of Service)

XT FX MO

(Class of Station)

WI9XII

(Call Sign)

0103-EX-ST-2015

(File Number)

NAME Maritime Applied Physics Corp.

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:

Maritime Applied Physics will demonstrate to the government that the buoy meets the requirements set forth in the agreed upon contract. The testing will take place over two days

Station Locations

- (1) Curtis Bay (BALTIMORE), MD - NL 39-14-44; WL 76-34-22
- (2) Curtis Bay (BALTIMORE), MD - NL 39-14-44; WL 76-34-22
- (3) MOBILE: , within 10 km, centered around NL 39-14-44; WL 76-34-22
- (4) MOBILE: , within 10 km, centered around NL 39-14-44; WL 76-34-22

Frequency Information

Curtis Bay (BALTIMORE), MD - NL 39-14-44; WL 76-34-22

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2402 MHz	FX	20M0W7D	76.95 W (ERP)	0.002 %
2407 MHz	FX	20M0W7D	76.95 W (ERP)	0.002 %

This authorization effective March 24, 2015 and
will expire 3:00 A.M. EST March 26, 2015

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Curtis Bay (BALTIMORE), MD - NL 39-14-44; WL 76-34-22

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2477 MHz	FX	20M0W7D	76.95 W (ERP)	0.002 %
2502 MHz	FX	10M0W7D	76.95 W (ERP)	0.002 %

Curtis Bay (BALTIMORE), MD - NL 39-14-44; WL 76-34-22

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5745 MHz	FX	20M0W7D	18.34 W (ERP)	0.002 %
5765 MHz	FX	20M0W7D	18.34 W (ERP)	0.002 %
5785 MHz	FX	20M0W7D	18.34 W (ERP)	0.002 %
5805 MHz	FX	20M0W7D	18.34 W (ERP)	0.002 %
5825 MHz	FX	20M0W7D	18.34 W (ERP)	0.002 %

Frequency Information

MOBILE: , within 10 km, centered around NL 39-14-44; WL 76-34-22

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2402 MHz	MO	20M0W7D	76.95 W (ERP)	0.002 %
2407 MHz	MO	20M0W7D	76.95 W (ERP)	0.002 %
2477 MHz	MO	20M0W7D	76.95 W (ERP)	0.002 %
2502 MHz	MO	10M0W7D	76.95 W (ERP)	0.002 %

MOBILE: , within 10 km, centered around NL 39-14-44; WL 76-34-22

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5745 MHz	MO	20M0W7D	9.19 W (ERP)	0.002 %
5765 MHz	MO	20M0W7D	9.19 W (ERP)	0.002 %
5785 MHz	MO	20M0W7D	9.19 W (ERP)	0.002 %
5805 MHz	MO	20M0W7D	9.19 W (ERP)	0.002 %
5825 MHz	MO	20M0W7D	9.19 W (ERP)	0.002 %

Special Conditions:

- (1) 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.
- (2) Licensee is required to coordinate operations with existing microwave users in the area to avoid interference.
- (3) Operation is subject to prior coordination with the Society of Broadcast Engineers, Inc. (SBE); ATTN: Executive Director; 9102 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) Obtain consent from the Educational Broadband Service (EBS) licensees prior to accessing to 2502 MHz.
- (5) Licensee is required to coordinate operations with existing microwave users in 2477 MHz and 2502 MHz.to avoid interference.