

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

EXPERIMENTAL

(Nature of Service)

WH9XWN

(Call Sign)

XT FX MO

(Class of Station)

0773-EX-ST-2014

(File Number)

NAME Advanced Acoustic Concepts, LLC

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:

Please See Exhibit 1

Station Locations

- (1) Columbia, MD - NL 39-10-31; WL 76-48-25
- (2) MOBILE: Matapeake State Park, MD, within 0.3 km, centered around NL 38-57-15; WL 76-21-20
- (3) MOBILE: Chesapeake Bay, MD, within 9.3 km, centered around NL 38-56-34; WL 76-23-06

Frequency Information

Columbia, MD - NL 39-10-31; WL 76-48-25

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2200-2300 MHz	FX	20M0G2D 20M0D2D	40 W (ERP)	

This authorization effective October 10, 2014 and
will expire 3:00 A.M. EST April 11, 2015

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Matapeake State Park, MD, within 0.3 km, centered around NL 38-57-15; WL 76-21-20

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2200-2300 MHz	MO	20M0G2D 20M0D2D	40 W (ERP)	

MOBILE: Chesapeake Bay, MD, within 9.3 km, centered around NL 38-56-34; WL 76-23-06

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2200-2300 MHz	MO	20M0G2D 20M0D2D	20 W (ERP)	

Special Conditions:

- (1) Advanced Acoustic Concepts, LLC must notch out the following:
 - a. 2214 - 2216 MHz
 - b. 2284 - 2286 MHz
- (2) NASA requires operational coordination for any transmissions that are within 200 km around NASA's receiving ground station at Laurel, MD and use center frequencies in the either the 2200.0-2231.1 MHz or 2249.8-2300 MHz bands. Coordination POC is NASA/GSFC spectrum manager, Scott Galbraith at 301-286-5089, vincent.s.galbraith@nasa.gov.
- (3) Advanced Acoustic Concepts, LLC must receive approved Mid-Atlantic Frequency Coordinator (MIDAFRC) coordination and notification of NAVY POC, Mr. Robert Goddard at 301-342-1194 (robert.n.goddard@navy.mil) prior to any testing operations.