

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

EXPERIMENTAL

(Nature of Service)

WI2XUZ

(Call Sign)

XT FX MO

(Class of Station)

0272-EX-CM-2017

(File Number)

NAME Thales Defense & Security 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(h) of the Commission's Rules

Station Locations

- (1) Clarksburg (MONTGOMERY), MD - NL 39-13-45; WL 77-16-45
- (2) MOBILE: Port Newark, NJ, within 20 km, centered around NL 40-42-03; WL 74-08-32
- (3) MOBILE: Portsmouth Marine Terminal, Portsmouth, VA, within 20 km, centered around NL 36-51-22; WL 76-19-27
- (4) MOBILE: Norfolk International Terminal, Norfolk, VA, within 20 km, centered around NL 36-55-01; WL 76-18-35
- (5) MOBILE: Seagirt Marine Terminal, Baltimore, MD, within 20 km, centered around NL 39-15-21; WL 76-32-18

Frequency Information

Clarksburg (MONTGOMERY), MD - NL 39-13-45; WL 77-16-45

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1618.725-1626 MHz	FX		7.9 W (ERP)	
		41K0Q7W		
		41K0Q7W		
		83K3Q7W		
		333KQ7W		
		666KQ7W		
		666KQ7W		

This authorization effective December 21, 2017 and
will expire 3:00 A.M. EST November 01, 2018

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Port Newark, NJ, within 20 km, centered around NL 40-42-03; WL 74-08-32

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1618.725-1626 MHz	MO	41K0Q7W	7.9 W (ERP)	
		41K0Q7W		
		83K3Q7W		
		333KQ7W		
		666KQ7W		
		666KQ7W		

MOBILE: Portsmouth Marine Terminal, Portsmouth, VA, within 20 km, centered around NL 36-51-22; WL 76-19-27

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1618.725-1626 MHz	MO	41K0Q7W	7.9 W (ERP)	
		41K0Q7W		
		83K3Q7W		
		333KQ7W		
		666KQ7W		
		666KQ7W		

MOBILE: Norfolk International Terminal, Norfolk, VA, within 20 km, centered around NL 36-55-01; WL 76-18-35

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1618.725-1626 MHz	MO	41K0Q7W	7.9 W (ERP)	
		41K0Q7W		
		83K3Q7W		
		333KQ7W		
		666KQ7W		
		666KQ7W		

Frequency Information

MOBILE: Seagirt Marine Terminal, Baltimore, MD, within 20 km, centered around NL 39-15-21; WL 76-32-18

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1618.725-1626 MHz	MO	41K0Q7W	7.9 W (ERP)	
		41K0Q7W		
		83K3Q7W		
		333KQ7W		
		666KQ7W		
		666KQ7W		

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) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) POINT OF COMMUNICATION: Iridium's Non-Geostationary constellation (call sign S2110).
- (4) Stop Buzzer: Scott Peters at 240-864-7977, and E-Mail Address: scott.peters@thalesdsi.com
- (5) Operations are on a non-interference basis (NIB) and shall not cause harmful interference to, and shall not claim protection from, interference caused to it by any other lawfully operating station and it shall cease transmission(s) immediately upon notice of such interference and notify the FCC in writing.