

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

EXPERIMENTAL

(Nature of Service)

WK9XMU

(Call Sign)

XT      FX MO

(Class of Station)

1463-EX-ST-2016

(File Number)

NAME Raytheon Missile Systems

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:**

Use mobile radios to provide differential GPS signal corrections.

**Station Locations**

- (1) Valparaiso (OKALOOSA), FL - NL 30-28-41; WL 86-30-29; MOBILE: Valparaiso, FL, within 120 km, centered around NL 30-28-41; WL 86-30-29

**Frequency Information**

Valparaiso (OKALOOSA), FL - NL 30-28-41; WL 86-30-29; MOBILE: Valparaiso, FL, within 120 km, centered around NL 30-28-41

| Frequency  | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|------------|---------------|---------------------|------------------|---------------------------|
| 451.45 MHz | FX            | 15K3F1D             | 6.1 W (ERP)      |                           |
| 451.45 MHz | MO            | 15K3F1D             | 6.1 W (ERP)      |                           |
| 471 MHz    | FX            | 15K3F1D             | 6.1 W (ERP)      |                           |

This authorization effective December 01, 2016 and  
will expire 3:00 A.M. EST May 31, 2017

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



## Frequency Information

Valparaiso (OKALOOSA), FL - NL 30-28-41; WL 86-30-29; MOBILE: Valparaiso, FL, within 120 km, centered around NL 30-28-41

| Frequency  | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|------------|---------------|---------------------|------------------|---------------------------|
| 471 MHz    | MO            | 15K3F1D             | 6.1 W (ERP)      |                           |
| 479.45 MHz | FX            | 15K3F1D             | 6.1 W (ERP)      |                           |
| 479.45 MHz | MO            | 15K3F1D             | 6.1 W (ERP)      |                           |

## Special Conditions:

- (1) Operation is subject to prior coordination with the local Society of Broadcast Engineers, Inc. (SBE) frequency coordinator. Consult the list at [http://freq.sbe.org/pdf\\_files/coordinators.pdf](http://freq.sbe.org/pdf_files/coordinators.pdf) to find the appropriate coordinator.
- (2) Further requests for extension of the authority granted herein must be filed on Form 442, "Application for New or Modified Radio Station Authorization under Part 5 of FCC Rules - Experimental Radio Service." Future STA requests to extend this authorization will not be considered.