

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

EXPERIMENTAL

(Nature of Service)

WD9XYD

(Call Sign)

XD      FX MO

(Class of Station)

0286-EX-ST-2009

(File Number)

NAME Lockheed martin Corporation

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:**

The purpose of this experimental testing is to prove the reception and direction finding capability of a Surface Electronic Warfare Improvement Program (SEWIP).

**Station Locations**

- (1) Syracuse (ONONDAGA), NY - NL 43-06-35; WL 76-11-23
- (2) MOBILE: Syracuse (ONONDAGA), NY, within 1 km, centered around NL 43-06-36; WL 76-11-36

**Frequency Information**

Syracuse (ONONDAGA), NY - NL 43-06-35; WL 76-11-23

| Frequency      | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|----------------|---------------|---------------------|------------------|---------------------------|
| 9200-10000 MHz | FX            | N0N                 | 5000 W (ERP)     |                           |
|                |               | 100MF3N             |                  |                           |
|                |               | 100MP0N             |                  |                           |
|                |               | 100MQ3N             |                  |                           |

This authorization effective July 22, 2009 and  
will expire 3:00 A.M. EST January 01, 2010

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



## Frequency Information

MOBILE: Syracuse (ONONDAGA), NY, within 1 km, centered around NL 43-06-36; WL 76-11-36

| Frequency      | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|----------------|---------------|---------------------|------------------|---------------------------|
| 9200-10000 MHz | MO            | N0N                 | 1000 W (ERP)     |                           |
|                |               | 100MF3N             |                  |                           |
|                |               | 100MP0N             |                  |                           |
|                |               | 100MQ3N             |                  |                           |

## Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.