

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

EXPERIMENTAL

(Nature of Service)

XC      FX

(Class of Station)

WC2XWT

(Call Sign)

0038-EX-RR-2009

(File Number)

NAME Lockheed Martin Corporation

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(b) of the Commission's Rules

Station Locations

(1) Moorestown (BURLINGTON), NJ - NL 39-58-39; WL 74-54-55

Frequency Information

Moorestown (BURLINGTON), NJ - NL 39-58-39; WL 74-54-55

| Frequency | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------|---------------|---------------------|------------------|---------------------------|
| 1030 MHz  | FX            | 2M00V1D             | 10 kW (ERP)      |                           |
| 1090 MHz  | FX            | 2M00V1D             | 10 kW (ERP)      |                           |

Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (2) The station identification requirements of Section 5.115 of the Commission's Rules are waived.

This authorization effective April 01, 2009 and  
will expire 3:00 A.M. EST April 01, 2011

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



**Special Conditions:**

- (3) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by Navy contract number N00024-00-C-5147. The use of this radio station in any other manner or for any other purpose will constitute a violation of the privileges herein authorized. Except as subsequently authorized by the Commission, this radio station shall not be operated after the expiration date of the contract designated in the related application and enumerated above.
- (4) This frequency assignment on 1030 MHz was coordinated prior to authorization with the FAA Eastern Coordinator, New York, New York. Use of the frequency under the authority of this assignment is subject to such further coordination with the FAA Eastern Coordinator, New York, New York, as necessary to ensure compatibility with existing uses.
- (5) Use of 1030 MHz is permitted only with PD 0.8 and PRR 370.
- (6) Use of 1090 MHz is permitted only with PD 0.45.
- (7) When using 1090 MHz, any altitude setting must be below sea level or above 60,000 feet.