

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

EXPERIMENTAL

(Nature of Service)

XC FX

(Class of Station)

WE2XAP

(Call Sign)

0243-EX-RR-2010

(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) LIVERPOOL (ONONDAGA), NY - NL 43-06-29; WL 76-11-26

Frequency Information

LIVERPOOL (ONONDAGA), NY - NL 43-06-29; WL 76-11-26

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2 MHz	FX	4K00P0N	0.001 mW (ERP)	
5 MHz	FX	4K00P0N	0.001 mW (ERP)	
9 MHz	FX	4K00P0N	0.001 mW (ERP)	
12 MHz	FX	4K00P0N	0.001 mW (ERP)	

This authorization effective September 01, 2010 and
will expire 3:00 A.M. EST September 01, 2012

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

LIVERPOOL (ONONDAGA), NY - NL 43-06-29; WL 76-11-26

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
15 MHz	FX	4K00P0N	0.001 mW (ERP)	
20 MHz	FX	4K00P0N	0.001 mW (ERP)	
29 MHz	FX	4K00P0N	0.001 mW (ERP)	
31 MHz	FX	4K00P0N	0.001 mW (ERP)	
32 MHz	FX	4K00P0N	0.001 mW (ERP)	
42 MHz	FX	4K00P0N	0.001 mW (ERP)	
52 MHz	FX	4K00P0N	0.001 mW (ERP)	
74 MHz	FX	4K00P0N	0.001 mW (ERP)	
87 MHz	FX	4K00P0N	0.001 mW (ERP)	
107.4 MHz	FX	4K00P0N	0.001 mW (ERP)	

Frequency Information

LIVERPOOL (ONONDAGA), NY - NL 43-06-29; WL 76-11-26

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
152 MHz	FX	4K00P0N	0.001 mW (ERP)	
336 MHz	FX	4K00P0N	0.001 mW (ERP)	
460 MHz	FX	4K00P0N	0.001 mW (ERP)	
780 MHz	FX	4K00P0N	0.001 mW (ERP)	
900 MHz	FX	4K00P0N	0.001 mW (ERP)	
1526 MHz	FX	4K00P0N	0.001 mW (ERP)	
1700 MHz	FX	4K00P0N	0.001 mW (ERP)	
1800 MHz	FX	4K00P0N	0.001 mW (ERP)	

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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.

Special Conditions:

- (4) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by the US Navy contract number AN-BLQ-10 N68786-06-C-6205. 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.
- (5) Operation in frequency 1526 MHz subject to prior coordination with HQ USAF in Alexandria VA.