Sonnenschein Nath & Rosenthal LLP (D. Siddall), 1301 K Street, NW, Ste. 600E, Washington, DC 20005,

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

EXPERIMENTAL	WA2XED
(Nature of Service)	(Call Sign)
XD MO	0221-EX-RR-2009
(Class of Station)	(File Number)

NAME Northrop Grumman Systems 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(d) of the Commission's Rules

Station Locations

(1) MOBILE: Linthicum (ANNE ARUNDEL), MD, airborne, 9144 meters maximum altitude, within 966 km, centered around NL 39-10-26; WL 76-40-12

Frequency Information

MOBILE: Linthicum (ANNE ARUNDEL), MD, airborne, 9144 meters maximum altitude, within 966 km, centered around NL 39-10-26; WL 76-40-12

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
16730 MHz	MO	640MQ3N	11.25 MW (ERP)	

Special Conditions:

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

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

This authorization effective November 01, 2009 and will expire 3:00 A.M. EST November 01, 2012

FEDERAL COMMUNICATIONS COMMISSION