

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

EXPERIMENTAL

(Nature of Service)

XC MO

(Class of Station)

WE2XCO

(Call Sign)

0178-EX-RR-2008

(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(b) of the Commission's Rules

Station Locations

- (1) MOBILE: St. Johns County Municipal Airport, St. Augustine, FL, at an altitude of 0-30,000 feet MSL, within 160 km, centered around NL 29-57-37; WL 81-20-17

Frequency Information

MOBILE: St. Johns County Municipal Airport, St. Augustine, FL, at an altitude of 0-30,000 feet MSL, within 160 km, centered around NL 29-57-37; WL 81-20-17

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2386.5 MHz	MO	5M00F9D	20 W (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.
- (3) 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 N00019-03-N-005. 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.

This authorization effective November 02, 2008 and
will expire 3:00 A.M. EST November 03, 2010

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (4) This frequency assignment in the band 2345-2390 MHz was coordinated prior to authorization with the Eastern Area Frequency Coordinator, Patrick AFB, Florida, who also coordinated it, as appropriate, with Aerospace and Flight Test Radio Coordinating Council. Use of this frequency under the authority of this assignment is subject to such further coordination with the Eastern AFC, Patrick AFB, Florida, as necessary to ensure compatibility with existing uses.
- (5) Subject to coordination with the Eastern Area Frequency Coordinator located at Patrick AFB, Florida, prior to use within the area bounded by 24 N 31 30'N and 77 W 83 W.
- (6) Subject to coordination with the Gulf Area Frequency Coordinator located at Eglin AFB, Florida, prior to use within the area bounded by 24 N 33 30'N and 83 W 90 W.