

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

EXPERIMENTAL

(Nature of Service)

WA2XNX

(Call Sign)

XC MO

(Class of Station)

0140-EX-RR-2003

(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: Airborne; 20,000 ft max altitude within 161 km of Baltimore Washington International Airport or Patuxent River N.A.S., centered around NL 38-43-50; WL 76-36-59
- (2) MOBILE:, centered around NL 41-06-40; WL 73-23-28

Frequency Information

MOBILE: Airborne; 20,000 ft max altitude within 161 km of Baltimore Washington International Airport or Patuxent River N.A.S., centered around NL 38-43-50; WL 76-36-59

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9850 MHz	MO	1G20P0N	63.25 MW (ERP)	

MOBILE:, centered around NL 41-06-40; WL 73-23-28

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9850 MHz	MO	1G20P0N	63.25 MW (ERP)	

Special Conditions:

This authorization effective October 01, 2003 and
will expire 3:00 A.M. EST October 01, 2005

**FEDERAL
COMMUNICATIONS
COMMISSION**



- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (2) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by U.S. Navy contract no. N00014-95-C-0199. 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.