Paul, Hastings, Janofsky & Walker LLP (D. Siddall), 875 15th Street, N.W., Washington, DC 20005

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

EXPERIMENTAL	WA2XON
(Nature of Service)	(Call Sign)
XC FX	0188-EX-RR-2005
(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(b) of the Commission's Rules

Station Locations

(1) Melville (SUFFOLK), NY - NL 40-45-37; WL 73-24-49

Frequency Information

Melville (SUFFOLK), NY - NL 40-45-37; WL 73-24-49

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9200-10000 MHz	FX	31M8P0N	50.1 MW (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 U.S. Navy contract number N00024-94-C-5441. 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 January 01, 2006 and
will expire 3:00 A.M. EST January 01, 2008

FEDERAL COMMUNICATIONS COMMISSION