

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL

(Nature of Service)

WD9XWE

(Call Sign)

XD MO

(Class of Station)

0214-EX-ST-2009

(File Number)

NAME Northrop Grumman Ship Systems, Inc.

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

Purpose Of Operation:

Testing HYDRA intra-ship communications during the construction of the National Security Cutter being built as part of the USCG Deepwater Program.

Station Locations

- (1) MOBILE: On NSC within 240 km of Northrop Grumman Pascagoula Operations, Pascagoula, Mississippi, within 240 km, centered around NL 30-20-44; WL 88-34-40

Frequency Information

MOBILE: On NSC within 240 km of Northrop Grumman Pascagoula Operations, Pascagoula, Mississippi, within 240 km, centered around NL 30-20-44; WL 88-34-40

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
391.0375 MHz	MO	8K10F1E 8K10F1D 10K0F2D 11K0F3E	3.155 W (ERP)	0.0001 %
391.1375 MHz	MO	8K10F1E 8K10F1D 10K0F2D	3.155 W (ERP)	0.0001 %

This authorization effective June 01, 2009 and
will expire 3:00 A.M. EST November 29, 2009

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: On NSC within 240 km of Northrop Grumman Pascagoula Operations, Pascagoula, Mississippi, within 240 km, centered around NL 30-20-44; WL 88-34-40

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
391.1375 MHz	MO	11K0F3E	3.155 W (ERP)	0.0001 %
391.2625 MHz	MO	8K10F1E 8K10F1D 10K0F2D 11K0F3E	3.155 W (ERP)	0.0001 %
391.3625 MHz	MO	8K10F1E 8K10F1D 10K0F2D 11K0F3E	3.155 W (ERP)	0.0001 %
391.4625 MHz	MO	8K10F1E 8K10F1D 10K0F2D 11K0F3E	3.155 W (ERP)	0.0001 %
391.5625 MHz	MO	8K10F1E 8K10F1D 10K0F2D 11K0F3E	3.155 W (ERP)	0.0001 %
395.025 MHz	MO	8K10F1E 8K10F1D 10K0F2D 11K0F3E	3.155 W (ERP)	0.0001 %

Frequency Information

MOBILE: On NSC within 240 km of Northrop Grumman Pascagoula Operations, Pascagoula, Mississippi, within 240 km, centered around NL 30-20-44; WL 88-34-40

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
395.175 MHz	MO	8K10F1E 8K10F1D 10K0F2D 11K0F3E	3.155 W (ERP)	0.0001 %
395.325 MHz	MO	8K10F1E 8K10F1D 10K0F2D 11K0F3E	3.155 W (ERP)	0.0001 %
395.475 MHz	MO	8K10F1E 8K10F1D 10K0F2D 11K0F3E	3.155 W (ERP)	0.0001 %
395.65 MHz	MO	8K10F1E 8K10F1D 10K0F2D 11K0F3E	3.155 W (ERP)	0.0001 %
395.85 MHz	MO	8K10F1E 8K10F1D 10K0F2D 11K0F3E	3.155 W (ERP)	0.0001 %

Special Conditions:

- (1) Due to the possibility of restrictions being required to the area of operation in order to prevent adjacent channel RFI, the licensee must contact the Gulf Area Frequency Coordinator at 850-882-4416 prior to beginning operations.