

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

EXPERIMENTAL

(Nature of Service)

XD FX

(Class of Station)

WE9XMH

(Call Sign)

0457-EX-ST-2010

(File Number)

NAME Northrop Grumman Systems Corporation

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:

Development and testing of a radar system that will demonstrate the ability to track Line-of-Sight (LOS) terrain obstructions, target detection and perimeter intrusion.

Station Locations

- (1) Woodland Hills (LOS ANGELES), CA - NL 34-10-16; WL 118-35-39
- (2) Palmdale (LOS ANGELES), CA - NL 34-37-52; WL 118-05-01

Frequency Information

Woodland Hills (LOS ANGELES), CA - NL 34-10-16; WL 118-35-39

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9380-9440 MHz	FX	15M0P0N	6 kW (Output Power)	

This authorization effective October 12, 2010 and
will expire 3:00 A.M. EST January 13, 2011

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Palmdale (LOS ANGELES), CA - NL 34-37-52; WL 118-05-01

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9402.5-9417.5 MHz	FX	15M0P0N	1 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) Northrop Grumman Systems Corporation must coordinate the use of the 9380-9440 MHz band in Los Angeles, CA. with P.O.C. Ronald Blackmore, ronald.blackmore@uscg.mil, 202-475-3552, and/or Bruce Lamb, bruce.e.lamb@uscg.mil, 202-475-3554.
- (3) Northrop Grumman Systems Corporation must obtain coordination and possible scheduling from the Western Area Frequency Coordinator (WAFC) prior to any operations to prevent/minimize interference to the Department of the Navy frequency assignments. The WAFC P.O.C. is Mr. J. Richardson, 760-939-6948/6832.