

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WE9XIC

(Call Sign)

0124-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 act as a missile interceptor system against rocket, artillery and mortar (RAM) threats

Station Locations

- (1) Linthicum (ANNE ARUNDEL), MD - NL 39-11-08; WL 76-41-09
- (2) Linthicum (ANNE ARUNDEL), MD - NL 39-10-07; WL 76-41-35
- (3) Hanover (ANNE ARUNDEL), MD - NL 39-11-05; WL 76-42-21

Frequency Information

Linthicum (ANNE ARUNDEL), MD - NL 39-11-08; WL 76-41-09

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
16.2-17.3 GHz	FX	1G10G3N	2 kW (Output Power)	

This authorization effective April 01, 2010 and
will expire 3:00 A.M. EST October 01, 2010

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Linthicum (ANNE ARUNDEL), MD - NL 39-10-07; WL 76-41-35

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
16.2-17.3 GHz	FX	1G10G3N	2 kW (Output Power)	

Hanover (ANNE ARUNDEL), MD - NL 39-11-05; WL 76-42-21

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
16.2-17.3 GHz	FX	1G10G3N	2 kW (Output Power)	

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) Licensee should take measures to ensure that operations do not cause interference to Navy low-power ground operations at Quantico, VA and if any interference occurs, the licensee of this authorization will be subject to immediate shut down.