

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

EXPERIMENTAL

(Nature of Service)

XE FX

(Class of Station)

WC9XES

(Call Sign)

0682-EX-ST-2005

(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:

Test and development of radar for export.

Station Locations

- (1) Sykesville (CARROLL), MD - NL 39-22-29; WL 76-57-39
- (2) Linthicum (ANNE ARUNDEL), MD - NL 39-10-46; WL 76-41-27

Frequency Information

Sykesville (CARROLL), MD - NL 39-22-29; WL 76-57-39

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1230 MHz	FX	10M0Q7N	50.5 MW (ERP)	
1235 MHz	FX	10M0Q7N	50.5 MW (ERP)	
1290 MHz	FX	10M0Q7N	50.5 MW (ERP)	

This authorization effective December 13, 2005 and
will expire 3:00 A.M. EST April 11, 2006

**FEDERAL
COMMUNICATIONS
COMMISSION**

Frequency Information

Sykesville (CARROLL), MD - NL 39-22-29; WL 76-57-39

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1295 MHz	FX	10M0Q7N	50.5 MW (ERP)	
1335 MHz	FX	10M0Q7N	50.5 MW (ERP)	

Linthicum (ANNE ARUNDEL), MD - NL 39-10-46; WL 76-41-27

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1230 MHz	FX	10M0Q7N	50.5 MW (ERP)	
1235 MHz	FX	10M0Q7N	50.5 MW (ERP)	
1290 MHz	FX	10M0Q7N	50.5 MW (ERP)	
1295 MHz	FX	10M0Q7N	50.5 MW (ERP)	
1335 MHz	FX	10M0Q7N	50.5 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) NTIA agrees to a 4 month extension of this STA after discussion with Jan Sockurek. If there is a need for further testing after April 10, 2006 Northrop Grumman needs to apply for long term FCC license.