

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

EXPERIMENTAL

(Nature of Service)

XC FX MO

(Class of Station)

WC9XYW

(Call Sign)

0868-EX-ST-2006

(File Number)

NAME Northrop Grumman Space & Mission Systems Corp.

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:

Ground-to-ground SINCGARS waveform testing for internal research and development.

Station Locations

- (1) San Diego (SAN DIEGO), CA - NL 32-59-25; WL 117-04-46; MOBILE: SAN DIEGO (SAN DIEGO COUNTY), CA, within 48.5 km, centered around NL 32-59-25; WL 117-04-46
- (2) MOBILE: SAN DIEGO (SAN DIEGO COUNTY), CA, within 17 km, centered around NL 32-59-31; WL 117-04-48

Frequency Information

San Diego (SAN DIEGO), CA - NL 32-59-25; WL 117-04-46; MOBILE: SAN DIEGO (SAN DIEGO COUNTY), CA, within 48.5

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
49.8 MHz	FX	25K0F3E	15 W (ERP)	
49.8 MHz	MO	25K0F3E	15 W (ERP)	

This authorization effective July 27, 2007 and
will expire 3:00 A.M. EST January 28, 2008

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: SAN DIEGO (SAN DIEGO COUNTY), CA, within 17 km, centered around NL 32-59-31; WL 117-04-48

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
40 MHz	MO	20K0F3E	50 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) Licensee should be aware that other stations may be licensed on these frequencies and if any interference occurs, the licensee of this authorization will be subject to immediate shut down.
- (3) Licensee should be aware of possible transient government operations on 40.01 MHz and if any interference occurs, the licensee of this authorization will be subject to immediate shut down.