

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE**

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WH2XXI

(Call Sign)

0401-EX-PL-2015

(File Number)

NAME Northrop Grumman Corporation

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.3(j) of the Commission's Rules

Station Locations

(1) San Diego (SAN DIEGO), CA - NL 32-49-37; WL 117-07-46

Frequency Information

San Diego (SAN DIEGO), CA - NL 32-49-37; WL 117-07-46

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
758-768 MHz	FX	10M0F9W	1 W (ERP)	0.001 %
788-798 MHz	FX	10M0F9W	317 mW (ERP)	0.001 %

Special Conditions:

- (1) FirstNet can request the FCC to order the licensee to cease operations within 24 hours.
- (2) Scope of license is limited to licensee facilities.
- (3) The project is limited to proof-of-concept demonstrations and testing and will not involve live-duty operations to protect life, property, or safety.
- (4) Licensee must accept interference from any other user of Band 14 and all operations by licensee will be on a secondary basis.

This authorization effective July 16, 2015 and
will expire 3:00 A.M. EST January 16, 2016

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (5) Licensee must verify that there is no current potential for interference with FirstNet operations or those approved to operate in Band 14 per license (i.e., any Band 14 incumbents).
- (6) A POC must be established and sent to FirstNet upon license approval with "kill switch" authority; Licensee agrees to cease operations at request of FirstNet immediately upon receipt of request to kill switch POC until such time, as determined by FirstNet, that interference issues are no longer at issue.
- (7) Licensee agrees that FirstNet has the right to monitor its operations.