

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

EXPERIMENTAL

(Nature of Service)

WD9XCD

(Call Sign)

XT MO

(Class of Station)

0214-EX-ST-2008

(File Number)

NAME The Boeing Company

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:

The purpose of this STA extension is to support Direct Network Waveform (DNW) system demonstration and testing.

Station Locations

- (1) MOBILE: Kent, WA, within 48 km, centered around NL 47-25-08; WL 122-15-11
- (2) MOBILE: Fort Eustis, VA, within 48 km, centered around NL 37-06-44; WL 76-34-57

Frequency Information

MOBILE: Kent, WA, within 48 km, centered around NL 47-25-08; WL 122-15-11

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14.6-15.35 GHz	MO	40M0G2W	1698 W (ERP)	

This authorization effective May 13, 2008 and
will expire 3:00 A.M. EST November 14, 2008

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Fort Eustis, VA, within 48 km, centered around NL 37-06-44; WL 76-34-57

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14.6-15.35 GHz	MO	40M0G2W	1698 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) Operations at Kent, WA must notch out 14630-14660 MHz, 15140-15180 MHz and 15240-15261 MHz to protect federal operations in the area.
- (4) Operations at Fort Eustis, VA must notch out 15150-15225 MHz and 15330-15340 MHz.
- (5) Operation at Kent, WA, all transmissions must be away from Canada.
- (6) Operation at Kent, WA must notch out +/- 14 MHz the following frequencies: 14643.75, 15163.75 and 15251.25 MHz.
- (7) Operation at Ft. Eustis, VA must notch out +/- 10 MHz the following frequencies: 15158.0, 15200.0 and M15341.0 MHz.