

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

EXPERIMENTAL

(Nature of Service)

WD2XFK

(Call Sign)

XD MO

(Class of Station)

0401-EX-ST-2005

(File Number)

NAME Boeing Company, The

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:

Validation testing of satellite antenna and services in a maritime mobile context throughout CONUS, Alaska and Hawaii, and international waters.

Station Locations

- (1) MOBILE: CONUS, Alaska and Hawaii and international waters
- (2) MOBILE: CONUS, Alaska, Hawaii, and international waters

Frequency Information

MOBILE: CONUS, Alaska and Hawaii and international waters

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14000-14500 MHz	MO	32M4G7D	19.5 kW (ERP)	
		24M3G7D		

This authorization effective December 19, 2005 and
will expire 3:00 A.M. EST June 20, 2006

**FEDERAL
COMMUNICATIONS
COMMISSION**

Frequency Information

MOBILE: CONUS, Alaska, Hawaii, and international waters

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
11200-12750 MHz	MO	32M4G7W	28.8 kW (ERP)	
14000-14500 MHz	MO	32M4G7W	28.8 kW (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) Earth station operations are limited to U.S.-registered vessels only.
- (4) Licensee must notify adjacent satellite operators within six degrees prior to operation.
- (5) Licensee shall comply with the 2-degree spacing off-axis EIRP limits.
- (6) Emergency point of contact is designated as follows. Mike Turner at 253-773-0609, Bldg 18-03, Room 21C6, 20403 68th Avenue S, Kent, Washington 98203.
- (7) Licensee shall maintain location information according to Section 25.222(c)(1) of the Commission rules.
- (8) Licensee shall comply with the coordination requirements of Sections 25.222(d) and (e) of the Commission rules.