

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

EXPERIMENTAL

(Nature of Service)

WB9XUV

(Call Sign)

FX MO

(Class of Station)

0346-EX-ST-2003

(File Number)

NAME HARRIS 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:

**DEMONSTRATING A HIGH DATA RATE WIRELESS COMMUNICATION NETWORK CENTRIC
RF LINK FOR ADVANCED DEPLOYABLE SYSTEMS (ADS) OVER OCEAN ENVIRONMENT.**

Station Locations

- (1) CAMP PENDLETON (SAN DIEGO), CA - NL 33-14-54; WL 117-25-45
- (2) MOBILE: OFF COAST FROM U.S. NAVY CAMP PENDLETON, CA, within 30 km,
centered around NL 33-14-54; WL 117-46-45

Frequency Information

CAMP PENDLETON (SAN DIEGO), CA - NL 33-14-54; WL 117-25-45

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2421-2443 MHz	FX	11M0D2D	512 W (ERP)	0.05 %

MOBILE: OFF COAST FROM U.S. NAVY CAMP PENDLETON, CA, within 30 km, centered around NL 33-14-54; WL 117-46-45

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2421-2443 MHz	MO	11M0D2D	56 W (ERP)	0.05 %

Special Conditions:

- (1) The fixed antenna must be directional with an antenna azimuth of 85 degrees.

This authorization effective October 27, 2003 and
will expire 3:00 A.M. EST October 29, 2003

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Special Conditions:

- (2) Operations must take place during daylight hours only.
- (3) The fixed antenna must have a front to back isolation of at least 40 dB.
- (4) The fixed antenna must be pointed directly toward the Pacific Ocean on a bearing of 270 degrees.
- (5) Prior coordination with the Marine Corps Base Camp Pendleton frequency manager is required prior to any demonstration. POC at MCB Camp Pendleton is MSgt Adrian Mendoza, Spectrum Manager MCB Camp, Pendleton (760) 725-2808, FAX (760) 725-5046.