

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

EXPERIMENTAL

(Nature of Service)

XD FX MO

(Class of Station)

WE9XSW

(Call Sign)

0113-EX-ST-2011

(File Number)

NAME Telephonics 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:

The purpose is to develop, demonstrate, and provide short range conversational wireless communications for teams of soldiers.

Station Locations

- (1) Fort Belvoir, VA - NL 38-42-43; WL 77-08-46; MOBILE: Fort Belvoir, VA, within 0.5 km
- (2) Ronkonkoma, NY - NL 38-42-43; WL 77-08-46; MOBILE: Ronkonkoma, NY - RETLIF Labs, within 0.5 km, centered around NL 38-42-43; WL 77-08-46
- (3) Bohemia, NY - NL 38-42-43; WL 77-08-46; MOBILE: Bohemia, NY - Dayton T. Brown Labs, within 0.5 km, centered around NL 38-42-43; WL 77-08-46

Frequency Information

Fort Belvoir, VA - NL 38-42-43; WL 77-08-46; MOBILE: Fort Belvoir, VA, within 0.5 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
300-400 MHz	FX	300KGXE	250 mW (ERP)	
300-400 MHz	MO	300KGXE	250 mW (ERP)	

This authorization effective March 16, 2011 and
will expire 3:00 A.M. EST April 16, 2011

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (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) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (4) Operations are not permitted in the band 328-335 MHz, since this is use for Instrument Landing System (ILS) aircraft landing system.
- (5) NTIA will only approve the STA for 1 month.
- (6) All DOD agencies objected to the STA for policy reasons and operational system and the applicant needs to consider using a different frequency band.
- (7) The applicant and PN needs to know that this system will have major problems being approved to use the 300-400 MHz band since it is channelized mostly for 12.5 kHz channels and will require MAG Chairman approval for use.

Special Conditions:

(8) Only the following frequencies can be used which the applicant provided:

Single Frequency TruLink Channels - channel width is 300 KHz centered on Fc as follows:

Ch 0 300.000 MHz
Ch 1 302.500 MHz
Ch 2 305.000 MHz
Ch 3 307.500 MHz
Ch 4 310.000 MHz
Ch 5 312.500 MHz
Ch 6 315.000 MHz
Ch 7 317.500 MHz
Ch 8 320.000 MHz
Ch 9 322.500 MHz
Ch 10 325.000 MHz
Ch 11 327.500 MHz
Ch 12 NO
Ch 13 NO
Ch 14 NO
Ch 15 337.500 MHz
Ch 16 340.000 MHz
Ch 17 342.500 MHz
Ch 18 345.000 MHz
Ch 19 347.500 MHz
Ch 20 350.000 MHz
Ch 21 352.500 MHz
Ch 22 355.000 MHz
Ch 23 357.500 MHz
Ch 24 360.000 MHz
Ch 25 362.500 MHz
Ch 26 365.000 MHz
Ch 27 367.500 MHz
Ch 28 370.000 MHz
Ch 29 372.500 MHz
Ch 30 NO
Ch 31 377.500 MHz
Ch 32 380.000 MHz
Ch 33 382.500 MHz
Ch 34 385.000 MHz
Ch 35 387.500 MHz
Ch 36 NO
Ch 37 392.500 MHz
Ch 38 NO
Ch 39 NO
Ch 40 NO