

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

EXPERIMENTAL

(Nature of Service)

XD FX

(Class of Station)

WC9XOA

(Call Sign)

0209-EX-ST-2006

(File Number)

NAME BAE Systems Information and Electronic Systems Integration Inc.

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:

Please See Exhibit 1

Station Locations

(1) Wharton (MORRIS), NJ - NL 40-56-01; WL 74-35-26

Frequency Information

Wharton (MORRIS), NJ - NL 40-56-01; WL 74-35-26

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4.3-4.4 GHz	FX	200MG0N	5 W (ERP)	

Special Conditions:

- (1) Testing shall be conducted only at Wharton, Morris, NJ (40-56-01 N, 074-35-26 W)
- (2) Testing shall be limited to May 25, 26, 30, and 31, 2006. The NTIA and FAA will not support any additional test dates.
- (3) Future testing of this system shall not use any part of the 4200-4400 MHz band. BAE is advised that future testing should be done in a primary radar band.

This authorization effective May 25, 2006 and
will expire 3:00 A.M. EST May 31, 2006

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (4) The EIRP shall not exceed 5 Watts.
- (5) The 3 db bandwidth of the transmit antenna shall not be oriented between 80 and 150 degrees referenced to true north.
- (6) Licensee is notified that the FAA is concerned that the data being provided by BAE systems for this STA is inconsistent with the data that the Navy supplied to the NTIA Spectrum Planning Subcommittee to obtain NTIA Certification to operate the RT-1805/APN (see SPS-14431 submission).
- (7) This license supersedes previous grant.