

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

EXPERIMENTAL

(Nature of Service)

XC FX MO

(Class of Station)

WC9XBF

(Call Sign)

0648-EX-ST-2004

(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:

Providing the ability for antennas to relay communications to and from mobile and portable units under the Adaptive Joint C4ISR Node Advanced Concept Technology Demonstration program.

Station Locations

- (1) Hudson (HILLSBOROUGH), NH - NL 42-42-17; WL 71-25-54
- (2) MOBILE: Handheld Radio (ICOM-F3GT), Around Pope Technical Park, within 2 km, centered around NL 42-42-17; WL 71-25-54
- (3) MOBILE: Handheld Radio (Vertex VX-510) Around Pope Technical Park, within 2 km, centered around NL 42-42-17; WL 71-25-54
- (4) MOBILE: Handheld Radio (ITT RT-1523-C) Around Pope Technical Park, within 2 km, centered around NL 42-42-17; WL 71-25-54

Frequency Information

Hudson (HILLSBOROUGH), NH - NL 42-42-17; WL 71-25-54

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
138.4 MHz	FX	12K5F3E 25K0F3E	7 W (ERP)	

This authorization effective January 06, 2005 and
will expire 3:00 A.M. EST June 02, 2005

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Hudson (HILLSBOROUGH), NH - NL 42-42-17; WL 71-25-54

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
138.55 MHz	FX	12K5F3E 25K0F3E	7 W (ERP)	
139.6 MHz	FX	12K5F3E 25K0F3E	7 W (ERP)	
139.7 MHz	FX	12K5F3E 25K0F3E	7 W (ERP)	

MOBILE: Handheld Radio (ICOM-F3GT), Around Pope Technical Park, within 2 km, centered around NL 42-42-17; WL 71-25-54

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
138.15 MHz	MO	12K5F3E 25K0F3E	3 W (ERP)	
138.4 MHz	MO	12K5F3E 25K0F3E	3 W (ERP)	
138.55 MHz	MO	12K5F3E 25K0F3E	3 W (ERP)	
139.6 MHz	MO	12K5F3E 25K0F3E	3 W (ERP)	

Frequency Information

MOBILE: Handheld Radio (ICOM-F3GT), Around Pope Technical Park, within 2 km, centered around NL 42-42-17; WL 71-25-54

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
139.7 MHz	MO	12K5F3E 25K0F3E	3 W (ERP)	

MOBILE: Handheld Radio (Vertex VX-510) Around Pope Technical Park, within 2 km, centered around NL 42-42-17; WL 71-25-54

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
37.08 MHz	MO	12K5F3E 25K0F3E	3 W (ERP)	
37.28 MHz	MO	12K5F3E 25K0F3E	3 W (ERP)	
37.47 MHz	MO	12K5F3E 25K0F3E	3 W (ERP)	
37.67 MHz	MO	12K5F3E 25K0F3E	3 W (ERP)	
37.87 MHz	MO	12K5F3E 25K0F3E	3 W (ERP)	
38.17 MHz	MO	12K5F3E 25K0F3E	3 W (ERP)	

Frequency Information

MOBILE: Handheld Radio (Vertex VX-510) Around Pope Technical Park, within 2 km, centered around NL 42-42-17; WL 71-25-54

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
38.38 MHz	MO	12K5F3E 25K0F3E	3 W (ERP)	
38.57 MHz	MO	12K5F3E 25K0F3E	3 W (ERP)	
38.77 MHz	MO	12K5F3E 25K0F3E	3 W (ERP)	
38.97 MHz	MO	12K5F3E 25K0F3E	3 W (ERP)	
43.15 MHz	MO	12K5F3E 25K0F3E	3 W (ERP)	

MOBILE: Handheld Radio (ITT RT-1523-C) Around Pope Technical Park, within 2 km, centered around NL 42-42-17; WL 71-25-54

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
37.08 MHz	MO	12K5F3E 25K0F3E	3 W (ERP)	
37.28 MHz	MO	12K5F3E 25K0F3E	3 W (ERP)	

Frequency Information

MOBILE: Handheld Radio (ITT RT-1523-C) Around Pope Technical Park, within 2 km, centered around NL 42-42-17; WL 71-25-54

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
37.47 MHz	MO	12K5F3E 25K0F3E	3 W (ERP)	
37.67 MHz	MO	12K5F3E 25K0F3E	3 W (ERP)	
37.87 MHz	MO	12K5F3E 25K0F3E	3 W (ERP)	
38.17 MHz	MO	12K5F3E 25K0F3E	3 W (ERP)	
38.38 MHz	MO	12K5F3E 25K0F3E	3 W (ERP)	
38.57 MHz	MO	12K5F3E 25K0F3E	3 W (ERP)	
38.77 MHz	MO	12K5F3E 25K0F3E	3 W (ERP)	
38.97 MHz	MO	12K5F3E 25K0F3E	3 W (ERP)	

Frequency Information

MOBILE: Handheld Radio (ITT RT-1523-C) Around Pope Technical Park, within 2 km, centered around NL 42-42-17; WL 71-25-54

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
43.15 MHz	MO	12K5F3E 25K0F3E	3 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.