

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

EXPERIMENTAL

(Nature of Service)

XC MO

(Class of Station)

WC9XUZ

(Call Sign)

0794-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:

Demonstration of a prototype IDMA communications system.

Station Locations

- (1) MOBILE: Merrimack (HILLSBOROUGH), NH, within 0.5 km, centered around NL 42-48-39; WL 71-29-19

Frequency Information

MOBILE: Merrimack (HILLSBOROUGH), NH, within 0.5 km, centered around NL 42-48-39; WL 71-29-19

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
228.8-242.8 MHz	MO	5M00G1W	0.5 W (ERP)	
243.3-328.6 MHz	MO	5M00G1W	0.5 W (ERP)	
335.4-454 MHz	MO	5M00G1W	0.5 W (ERP)	

This authorization effective January 31, 2007 and
will expire 3:00 A.M. EST June 19, 2007

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Merrimack (HILLSBOROUGH), NH, within 0.5 km, centered around NL 42-48-39; WL 71-29-19

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1.215-1.27 GHz	MO	5M00G1W	0.5 W (ERP)	
1.37-1.435 GHz	MO	5M00G1W	0.5 W (ERP)	
1.525-1.559 GHz	MO	5M00G1W	0.5 W (ERP)	

Special Conditions:

(1) Licensee must notch out the following frequencies +/- 12.5 kHz:

228.900 MHz
239.025 MHz
254.250 MHz
255.400 MHz
257.800 MHz
260.900 MHz
263.000 MHz
263.050 MHz
263.100 MHz
269.400 MHz
273.450 MHz
279.600 MHz
307.900 MHz
338.200 MHz
341.700 MHz
343.600 MHz
348.700 MHz
353.500 MHz
353.700 MHz
364.200 MHz
370.900 MHz
377.150 MHz
381.400 MHz
382.000 MHz
385.450 MHz
410.075 MHz

Special Conditions:

- (2) Operation is subject to prior coordination with the Society of Broadcast Engineers, Inc. (SBE), ATTN: Executive Director; 9247 North Meridian Street, Suite 305; Indianapolis, IN 46260; telephone, (866) 632-4222; FAX, (317) 846-9120; e-mail, executivedir@sbe.org; information, www.sbe.org, for the 450-454 MHz and 455-456 MHz bands in order to protect low power Broadcast Auxiliary Remote Pickup operations near the test site.
- (3) Stop Buzzer: Randolph Beltz, Chief Engineer, (603) 759-3077.
- (4) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.