

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

EXPERIMENTAL

(Nature of Service)

WE9XBZ

(Call Sign)

XT MO

(Class of Station)

0467-EX-ST-2009

(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:

This particular experiment involves the development of a robust and reliable microwave data link for manned and unmanned vehicles.

Station Locations

- (1) MOBILE: Temporay fixed ground-based operations, Greenlawn, NY, within 10 km, centered around NL 40-51-50; WL 73-22-29

Frequency Information

MOBILE: Temporay fixed ground-based operations, Greenlawn, NY, within 10 km, centered around NL 40-51-50; WL 73-22-29

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14.4-14.85 GHz	MO	22M0G1D 90M0G1D 315MG1D 64M0M1D 400KM1D	10000 W (ERP)	
15.15-15.35 GHz	MO	22M0G1D 90M0G1D	10000 W (ERP)	

This authorization effective November 01, 2009 and
will expire 3:00 A.M. EST May 02, 2010

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Temporary fixed ground-based operations, Greenlawn, NY, within 10 km, centered around NL 40-51-50; WL 73-22-29

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
15.15-15.35 GHz	MO	315MG1D	10000 W (ERP)	
		64M0M1D		
		400KM1D		

Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (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) No aircraft are involved in this operation.
- (4) Operation must avoid transmissions toward White Plains, NY which could affect FAA operations.
- (5) "Stop Buzzer" contact John Santillo shall be available during testing at 201-452-1010 to cease operations in the event of any interference.