

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

EXPERIMENTAL

(Nature of Service)

WM9XLV

(Call Sign)

XT MO

(Class of Station)

0404-EX-ST-2018

(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:

The testing conducted by BAE Systems is a critical part of the manufacture and delivery of military systems provided to the Armed Forces in support of Homeland Security as well as war efforts.

Station Locations

- (1) MOBILE: Temporary Fixed Ground Operations Merrimack, NH, within 0.5 km, centered around NL 42-48-39; WL 71-29-18

Frequency Information

MOBILE: Temporary Fixed Ground Operations Merrimack, NH, within 0.5 km, centered around NL 42-48-39; WL 71-29-18

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24.4675-24.5125 GHz	MO	45M0FXN	251 W (ERP)	
24.5275-24.5725 GHz	MO	45M0FXN	251 W (ERP)	
24.5875-24.6325 GHz	MO	45M0FXN	251 W (ERP)	

This authorization effective May 21, 2018 and
will expire 3:00 A.M. EST October 10, 2018

**FEDERAL
COMMUNICATIONS
COMMISSION**



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) BAE Systems Information should be aware that because the requested band is being used for UAS Detect and Avoid (DAA) radar, regulations and mitigates for compatibility will need to be established for further development.
- (4) Operation is subject to prior coordination with FAA.
- (5) Stop Buzzers: Bruce Partin, (603) 885-1020 and Eric Rundquist, (603) 809-8960.