

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

EXPERIMENTAL

(Nature of Service)

WQ9XJL

(Call Sign)

XT MO

(Class of Station)

0620-EX-ST-2020

(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 purpose of this authority is to perform developmental/prototype testing on a new radar. At this time, authority for only groundbased transmissions is required.

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 (+/-)
16.3-17.2 GHz	MO	84M6Q3N	800 W (ERP)	0.0001 %
		396MQ3N		
		95M4Q1N		
		795MQ1N		
		95M4P0N		
		795MP0N		

This authorization effective June 01, 2020 and
will expire 3:00 A.M. EST December 02, 2020

**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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (4) Stop Buzzers: Tyler Forbes 603-809-2139 (Primary); Ed Martony 603-305-4284 (Alternate)
- (5) BAE is to contact Mr. Hiatt, thiatt@ll.mit.edu, 781-981-5131, 72 hours prior to the testing of the prototype radar to schedule a test run.
- (6) After the initial test run, BAE is to contact Mr. Hiatt 24 hours prior to conducting each test for the duration of the STA.
- (7) If at any point during the testing, for the duration of the STA, that interference is received, BAE is to shut down operations at the direction of the Air Force or it's appointed representative Mr. Tim Hiatt.