

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

EXPERIMENTAL

(Nature of Service)

WO9XWO

(Call Sign)

XT MO

(Class of Station)

1252-EX-ST-2019

(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:

BAE Systems developed and produces SIGINT systems used by US Government military customers.

Station Locations

- (1) MOBILE: Temporary Fixed Ground Operations Tooele County, UT, within 0.2 km, centered around NL 40-11-07; WL 112-55-49

Frequency Information

MOBILE: Temporary Fixed Ground Operations Tooele County, UT, within 0.2 km, centered around NL 40-11-07; WL 112-55-49

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
138.175-307 MHz	MO	NON	4.86 W (ERP)	
343-500 MHz	MO	NON	4.86 W (ERP)	
1525-1559 MHz	MO	NON	24.86 W (ERP)	

This authorization effective August 15, 2019 and
will expire 3:00 A.M. EST December 16, 2019

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (1) 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.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (4) Prior to commencing any operations in the frequencies below, the applicant must obtain consent from the following within 50 miles of the contours of the testing area:
 - Paging Service licensees in 152 MHz
 - Paging Service licensees in 158 MHz
 - Paging Service licensees in 152 MHz/158 MHz
 - AMTS Licensee (217-218 MHz/219-220 MHz)
 - 218-219 MHz Service licensees
 - 220-222 MHz Service licensees
 - Paging Service licensees in 454 MHz/459 MHz
 - General Aviation Air-Ground Service in 454 MHz/459 MHz
- (5) Operation is subject to prior coordination with the local Society of Broadcast Engineers frequency coordinator to protect the Broadcast Auxiliary Service operations.
- (6) BAE Systems Information and Electronic Systems Integration, Inc. must not operate in the 162 - 174 MHz or the 406 - 420 MHz bands. These bands are utilized by multiple federal agencies and are heavily congested.
- (7) BAE Systems Information and Electronic Systems Integration, Inc. must notch out the following spot frequencies (+/- 3 kHz): 243.000 MHz, 282.800 MHz
- (8) BAE Systems Information and Electronic Systems Integration, Inc. must notch out the following spot frequencies (+/- 8 kHz): 156.525 MHz, 156.650 MHz, 156.800 MHz
- (9) BAE Systems Information and Electronic Systems Integration, Inc. must notch out the following spot frequencies (+/- 12.5 kHz): 154.310 MHz, 303.250 MHz
- (10) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by US Army, W56KGY-16-D-0013-0002. The use of this radio station in any other manner or for any other purpose will constitute a violation of the privileges herein authorized. Except as subsequently authorized by the Commission, this radio station shall not be operated after the expiration date of the contract designated in the related application and enumerated above.
- (11) Stop Buzzers, Stephen (Speedy) Lang at 603-738-7295.
- (12) Experimental station shall use the minimum power level necessary to establish communications links to minimize potential interference to licensed users.