

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

EXPERIMENTAL

(Nature of Service)

WK9XMK

(Call Sign)

XT MO

(Class of Station)

1491-EX-ST-2016

(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 5 km, centered around NL 40-09-34; WL 112-57-59

Frequency Information

MOBILE: Temporary Fixed Ground Operations, Tooele County, UT, within 5 km, centered around NL 40-09-34; WL 112-57-59

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
650-756 MHz	MO	NON	20 W (ERP)	
798-970 MHz	MO	NON	20 W (ERP)	
1668.4-2000 MHz	MO	NON	20 W (ERP)	

This authorization effective November 17, 2016 and
will expire 3:00 A.M. EST May 18, 2017

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Temporary Fixed Ground Operations, Tooele County, UT, within 5 km, centered around NL 40-09-34; WL 112-57-59

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2000-2304 MHz	MO	N0N	20 W (ERP)	
2361-2382 MHz	MO	N0N	20 W (ERP)	
2501-2600 MHz	MO	N0N	20 W (ERP)	

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) Operation is NOT permitted using any frequency bands 1650-1661 MHz, 2305-2360 MHz and 2383-2500 MHz.
- (4) The applicant must obtain consents from the Advanced Wireless Service licensees prior to accessing to 1668.4-2600 MHz bands.
- (5) The applicant must obtain consents from the Educational Broadband Service and Broadband Radio Service licensees prior to operation in 2000-2600 MHz band.
- (6) Operation is subject to coordinate with the local Society of Broadcast Engineer frequency coordinator prior to operation in 650-756 MHz and 2000-2600 MHz bands
- (7) Operation is subject to coordinate with the Fixed Microwave Service licensees prior to operation in 798-970 MHz and 2000-2600 MHz bands.
- (8) Operation is NOT permitted using any PSHS frequency bands 756-798 MHz.
- (9) The applicant must get consents of the following within 50 miles of the test area:
 - oAll 700 MHz licensees (698-756 MHz)
 - oAll Cellular licensees (824-849 MHz/869-894 MHz)
 - oCommercial Air-Ground licensee (849-851 MHz/894-896 MHz)
 - oSMR licensees (806-821 MHz/851-866 MHz)
 - oSMR licensees (896-901 MHz/935-940 MHz)
 - oAll Broadband PCS licensee (1850-1910 MHz/1930-1990 MHz)
- (10) The applicant must "notification" of the following within 50 miles of the test area:
 - oNarrowband PCS licensees (901-902 MHz)
 - oLocation & Monitoring Service licensees (902-928 MHz)

Special Conditions:

- (11) The applicant must not use any frequencies in the band 1660.5 MHz -1668.4 MHz,
in order to protect Radio Astronomy operations and passive space sensors