

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

EXPERIMENTAL

(Nature of Service)

WG9XZF

(Call Sign)

XT FX MO

(Class of Station)

0804-EX-ST-2013

(File Number)

NAME Booz Allen Hamilton Engineering Services, LLC

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 will be to gain information on the construction and operation of LTE Band 14 networks in tactical and operational environments.

Station Locations

- (1) Cusseta (CHATTAHOOCHEE), GA - NL 32-22-07; WL 84-48-33
- (2) MOBILE: Cusseta, GA, within 10 km, centered around NL 32-22-07; WL 84-48-33
- (3) MOBILE: Cusseta, GA, within 10 km, centered around NL 32-22-07; WL 84-48-33

Frequency Information

Cusseta (CHATTAHOOCHEE), GA - NL 32-22-07; WL 84-48-33

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
758-768 MHz	FX	10M0F9W 5M00F9W	600 W (ERP)	

This authorization effective September 17, 2013 and
will expire 3:00 A.M. EST March 17, 2014

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Cusseta, GA, within 10 km, centered around NL 32-22-07; WL 84-48-33

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
788-798 MHz	MO	10M0F9W 5M00F9W	2 W (ERP)	

MOBILE: Cusseta, GA, within 10 km, centered around NL 32-22-07; WL 84-48-33

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
788-798 MHz	MO	10M0F9W 5M00F9W	500 mW (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 will be confined to one fixed site. The equipment will include one temporary base station, and a total number of no more than 40 portable and vehicular-based units all operating at no more than 10 kilometers from the base site in testing scenarios only.
- (4) Operation will occur no longer than 180 days from the date on which the Commission grants Booz Allen B.S. an Experimental STA, allowing time during that period for setup and testing, demonstrations, and teardown.
- (5) This Experimental STA is non-renewable and any Experimental STA use of radio frequencies licensed to FirstNet beyond the 180-day period to which this application refers must be made by a separate request for such use by Booz Allen, B.S.
- (6) The proposed operation would not interfere or create a significant potential for interference with any public safety operations in the 700 MHz band. Booz Allen B.S. states that it has confirmed that the Georgia State Patrol has no incumbent operations which would be affected by the grant of this STA.
- (7) Booz Allen B.S. has stated that this temporary operation will not be used in mission-critical operations or in the delivery of live transmissions in duties to protect life, property, or safety.

Special Conditions:

- (8) Booz Allen B.S. has stated that it will share information drawn from the Experimental STA with FirstNet and other interested parties. This data would include the propagation performance of the 700 MHz band in the challenging pine forest environment surrounding Fort Benning, data which could be helpful for rural coverage design. Booz Allen B.S. states that the rigorous military testing program will provide useful insights on how LTE could perform in "real-world" conditions. Applicant states that it will furnish FirstNet a detailed technical report upon completion of the AEWE testing.