

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

EXPERIMENTAL

(Nature of Service)

WI9XTQ

(Call Sign)

XT FX MO

(Class of Station)

0679-EX-ST-2016

(File Number)

NAME Battelle Energy Alliance

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:

To develop a network node off the Idaho National Laboratory site to further test the LTE Band-14 co-existence with LTE Band-13 systems.

Station Locations

(1) Clyde (BUTTE), ID - NL 44-08-08; WL 113-14-49; MOBILE: Clyde, Idaho, within 25 km

Frequency Information

Clyde (BUTTE), ID - NL 44-08-08; WL 113-14-49; MOBILE: Clyde, Idaho, within 25 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
758-768 MHz	FX	10M0F9W 5M00F9W	40 W (ERP)	5 %
788-798 MHz	MO	10M0F9W 5M00F9W	2 W (ERP)	5 %

This authorization effective June 01, 2016 and
will expire 3:00 A.M. EST January 01, 2017

**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 applicant must prior coordination with the local Society of Broadcast Engineers coordinator prior to operation to protect the Low Power Broadcast Auxiliary operations between 758-798 MHz.
- (4) The applicant agrees that project limited to testing, experimentation or trial and may not involve live-duty operations by first responders or others to protect life, property, or safety.
- (5) The applicant agrees that any press release to be issued regarding the STA, surrounding demonstration, or use of Band 14 spectrum relating to the STA must be coordinated with and receive written signoff from FirstNet prior to release (POCs: ryan.oremland@firstnet.gov and justin.shore@firstnet.gov).
- (6) The applicant certifies that the Governor-appointed FirstNet Single Point of Contact within the proposed STA location has been notified of STA application (contact information available at www.firstnet.gov/consultation).
- (7) The applicant must accept interference from any other user of Band 14 and must coordinate operation with other authorized Band 14 STAs/ELs. Failure to effectively coordinate shall result in immediate suspension of STA until such time, as determined by FirstNet, that project may continue.
- (8) The applicant must not cause interference to FirstNet operations or those approved to operate in Band 14 per license (i.e. SMLA licensees/current incumbents).
- (9) The applicant certifies that it has verified with reasonable supporting detail no current potential for interference with FirstNet operations or those approved to operate in Band 14 per STA/EL or license (i.e. SMLA licensees/current incumbents).
- (10) Point-of contact is established and sent to FirstNet upon STA approval with "kill switch" authority; Applicant agrees to cease operations at request of FirstNet immediately upon receipt of request to kill switch POC until such time, as determined by FirstNet, that project may continue.