

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

EXPERIMENTAL

(Nature of Service)

XT FX MO

(Class of Station)

WI9XTQ

(Call Sign)

1199-EX-ST-2015

(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, centered around NL 44-08-08; WL 113-14-49

Frequency Information

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

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 December 03, 2015 and
will expire 3:00 A.M. EST May 01, 2016

**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) Scope of license limited to Applicant facilities.
- (4) Applicant project limited to proof of concept demonstrations and testing and will not involve live-duty operations to protect life, property, or safety.
- (5) Applicant must accept interference from any other user of Band 14 and all operations by Applicant will be on a secondary basis.
- (6) Applicant must verify that there is no current potential for interference with FirstNet operations or those approved to operate in Band 14 per license (i.e., any Band 14 incumbents).
- (7) 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 interference issues are no longer at issue.
- (8) Applicant agrees that FirstNet has the right to monitor its operations.
- (9) Applicant must coordinate with and mitigate any interference between other secondary basis users of Band 14 equipment in the surrounding area.
- (10) Applicant understands that STAs are for a limited period and that FirstNet must ensure its spectrum is clear as circumstances change and as deployment and acquisition timing becomes closer; therefore, Applicant agrees that no extensions or reapplications shall be sought for this STA.