

First Responder Network Authority
c/o National Telecommunications and Information Administration
United States Department of Commerce
1401 Constitution Avenue, N.W., Suite 4898
Washington, D.C. 20230

January 18, 2013

Marlene H. Dortch
Secretary
Federal Communications Commission
445 12th Street, SW
Room TWA325
Washington, DC 20554

**Re: Application of Iowa Statewide Interoperable Communications System Board for
Temporary Spectrum Use Call Sign WG9XDC**

Dear Ms. Dortch:

The First Responder Network Authority ("FirstNet") consents to the application of the Iowa Statewide Interoperable Communications System Board ("Iowa") for experimental special temporary authority ("Experimental STA") regarding its proposed temporary operation in FirstNet's 700 MHz band spectrum to demonstrate Long Term Evolution ("LTE") equipment in Des Moines, Iowa for a period not to exceed 90 days between January 2, 2013 and March 31, 2013. FirstNet's concurrence is premised on the temporary operations that conform to the following parameters:

- 1) Operation will be confined to the immediate vicinity of 801 Grand Avenue, Des Moines, Iowa 50309. The equipment will include one temporary base station and associated antenna, and a small number of portable units all operating at no more than 8 kilometers from the base site.
- 2) Iowa will request authority from the FCC to operate over the 758-768/788-798 MHz bands, which are currently licensed on a nationwide basis to FirstNet.
- 3) Operation will occur no longer than 90 days from the date on which the FCC grants Iowa an Experimental STA, allowing time during that period for setup and testing, demonstrations, and teardown.
- 4) This Experimental STA is non-renewable and that any Experimental STA use of radio frequencies licensed to FirstNet beyond the 90 day period to which this application refers must be made by a separate request for such use by Iowa.
- 5) FirstNet understands that Iowa has analyzed information from the FCC's license databases and has determined that the proposed operation would not interfere or create a significant potential for interference with any public safety operations in the 700 MHz band.
- 6) Iowa 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. The equipment to be used will include a base station and associated antennae located at the demonstration site and a small number of portable units in testing scenarios only.

- 7) Iowa has stated that the Experimental STA will provide the Iowa Governor's Office, the State Assembly Legislators, local elected government officials, public safety officials and their agencies, and other interested parties with an opportunity to test and receive an introductory knowledge of the potential benefits and capabilities of a Band 14 LTE public safety network. The project will provide coverage in the vicinity of the State Capital building, and Iowa will run numerous test scenarios and demonstrations. In addition to new applications, Iowa would like to incorporate existing data applications that currently run over a commercial network, utilizing mobile and handheld devices.

FirstNet concurs with the proposed operation by Iowa on certain frequencies currently licensed to FirstNet for purposes of demonstrating LTE equipment in Des Moines, Iowa. This consent is subject to the FirstNet's ongoing ability to monitor any operations and use of FirstNet's licensed spectrum.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Sam Ginn". The signature is fluid and cursive, with the first name "Sam" and last name "Ginn" clearly distinguishable.

Samuel L. Ginn
Chairman of the Board
First Responder Network Authority