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Statewide Interoperability
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November 14, 2012

Julie Knapp
Chief
Federal Communications Commission
Office of Engineering and Technology
445 12th Street, SW
Washington, DC 20554

The State of Iowa, under the authority of the Iowa Statewide Interoperable Communications System Board (ISICSB), respectfully seeks consent from the Federal Communications Commission (FCC) to operate in the 700 MHz band spectrum to demonstrate Long Term Evolution ("LTE") equipment in Des Moines, Iowa, between January 2, 2013 and March 31, 2013. As described in detail below, the ISICSB believes a grant of this experimental license will serve the public interest. The proposed project will conform to the following parameters:

1) Operation will be confined to the immediate vicinity of 801 Grand Ave, Des Moines, IA 50309. The equipment will include one site with one temporary base station and associated antenna located at the named demonstration site, along with a small number of portable/mobile units all operating at no more than 8 kilometers radius from the base site.

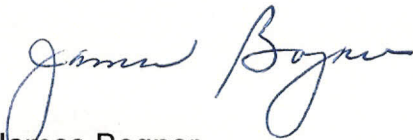
2) The ISICSB requests authority from the FCC to operate over the 763-768/793-798 MHz bands. The ISICSB does not seek authorization to use the 758-763/788-793 MHz bands known as the Upper 700 MHz D Block for this project.

3) With regard to garnering consent from the public safety licensee as customarily required for this STA request, I have contacted the Public Safety Spectrum Trust (PSST) requesting such consent, but am informed that, given that the license of this spectrum is being transferred from PSST to FirstNet and that the STA would commence after such transfer, a consent letter from PSST is not deemed viable.

4) Operation will occur between January 2, 2013 and March 31, 2013, allowing time during that period for setup and testing, demonstrations, and teardown.

- 5) Information from the FCC's ULS databases has been analyzed and it is 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. There were no active public safety licenses granted in the Des Moines, IA area on frequencies that are co-channel to those proposed in this request.
- 6) This network 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) Installed Station and associated mobile units will be used for demonstration purposes only, with operations confined to an 8 km radius.
- 8) The purpose of the proposed project is to provide the Iowa Governor's Office, State Assembly Legislators, local elected government officials, and 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 the ISICSB will run numerous test scenarios and demonstrations to the above officials and first responders. In addition to new applications, the ISICSB would like to incorporate existing data applications that currently run over a commercial network, utilizing mobile and handheld devices.

Respectfully submitted,



James Bogner
Iowa Statewide Interoperability Coordinator