



STEVEN C. McCRAW
DIRECTOR
DAVID G. BAKER
CHERYL MacBRIDE
DEPUTY DIRECTORS

TEXAS DEPARTMENT OF PUBLIC SAFETY

5805 N LAMAR BLVD • BOX 4087 • AUSTIN, TEXAS 78773-0001
512/424-2000
www.dps.texas.gov



COMMISSION
A. CYNTHIA LEON, CHAIR
CARIN MARCY BARTH
RANDY WATSON
STEVEN MACH

December 9, 2013

Julius Knapp
Chief, Office of Engineering and Technology
Federal Communications Commission
445 12th Street, SW
Washington, D.C. 20510

RE: Re: Application of the State of Texas for Renewal of an Experimental License, File No. 0079-EX-RR-201, Call Sign WG2XBG

Dear Chief Knapp,

The State of Texas ("Texas") in the referenced application seeks the renewal of an experimental license for operation in the 758-768/788-798 MHz spectrum that is licensed to the First Responder Network Authority ("FirstNet") in order to continue ongoing experimentation that it has been conducting since October 2012. Texas requests renewal until June 30, 2014.

This authority will allow Texas to continue to explore operational parameters and test new end user devices for Long Term Evolution (LTE) technology particularly with respect to rural coverage. Texas would conduct testing using a single base station with a 32-km radius in College Station, Brazos County, Texas. Testing in Brazos County continues, but requires more time to better characterize the complex coverage for both urban and rural environments using a single site system.

The ongoing findings of the study are relevant for the continued improvement in LTE coverage and performance in rural areas. FirstNet is charged by statute with incorporating "substantial rural milestones" in its deployment plans. Thus, Texas' experimentation could directly benefit the accomplishment of FirstNet's statutory mission.

Specifically, Texas confirms that it:

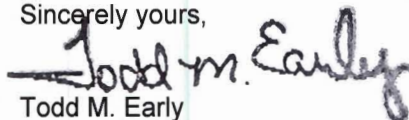
- Has designated an overall project manager and a "stop-buzzer" contact for these experiments. The overall point of contact is Mr. Todd Early, Deputy Assistant Director of the Texas Department of Public Safety. His phone number is 512 424 2121. In addition, Mr. Robert Cavazos, Director of Broadband for Harris County, has direct control, i.e., "stop buzzer" control of the network, and may be contacted at 713 274 7878.
- Understands that an experimental license only permits shared use of the subject radio frequencies, and that may be coordinated with other entities licensed for experimental purposes through the Texas Department of Public Safety, Attn: Joe Jarrett, TxDPS Frequency Coordinator in the State of Texas.
- Recognizes that a separate concurrence from FirstNet will be required for renewal of this license.

- Affirms that all of its experimental operations will be secondary, such that they must not cause interference to narrowband or broadband operations authorized on a primary basis, including in the spectrum licensed to FirstNet. Narrowband or broadband operations authorized on a primary basis, including in the spectrum licensed to FirstNet, have no obligation to mitigate any interference that such primary operations may present to the State of Texas experimental operations.
- Acknowledges that although FirstNet has not yet deployed in the geographic area covered by the application, if, during the term of this license, FirstNet or its assignees or lessees, plans to deploy in this area, Texas may have to reduce the coverage or power levels of its experimental transmissions or cease them entirely to prevent interference to those operations.
- Operation of the experimental license will not be used in mission-critical operations or in the delivery of live transmissions in duties to protect life, property, or safety. Operations will be confined to a 32- kilometer radius of the base station location.

The State has analyzed information in the FCC's license databases and states that the proposed operation would not interfere or create a significant potential for harmful interference with any public safety operations in the 700 MHz band.

Texas appreciates your attention to this matter. If and when FirstNet grants its concurrence to our pending application, Texas trust that the licensing branch will be able to move as expeditiously as feasible. Please let me know if you have any questions or need additional information.

Sincerely yours,


Todd M. Early
Deputy Assistant Director
Texas Department of Public Safety

cc: Erika Olsen, FCC
Gina Harrison, NTIA