



HARRIS CORPORATION

**221 Jefferson Ridge Parkway
Lynchburg, VA 24501
Phone: 434-455-6600
www.harris.com**

April 8, 2014

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

Re: Request for Experimental License

Dear Mr. Knapp:

Harris Corporation (Harris) respectfully provides supplemental information as required by the National Telecommunications and Information Administration in its request to the Federal Communications Commission for an experimental license to operate in the 700 MHz public safety broadband (Band 14) spectrum currently licensed to FirstNet to evaluate, develop, and test public safety grade Long Term Evolution (LTE) technologies in Palm Bay, FL from May 1, 2014 to May 1, 2016.

Harris has designated an overall project manager and a "stop-buzzer" contact for these experiments. The overall point of contact, as noted in the application, is Suzy Chen, Engineering Manager, 13200 McCormick Drive, Tampa, FL 33626; 813-426-4858. M.s Chen has direct control, i.e.; "stop buzzer" control of the network.

Harris understands that an experimental license only permits shared use of the subject radio frequencies, and that operations may be coordinated with other entities licensed for experimental purposes through Ms. Chen. Additionally, Harris notes that its experimentation will include water testing similar to how Harris conducts testing on land. Testing will consist of using data collection tools which would record signal, throughput, and GPS location. The testing vehicle will most likely be a boat.

Harris also recognizes that a separate concurrence from FirstNet will be required for renewal of this license, and recognizes that, pursuant to federal rules, 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 Harris experimental operations.

Harris is aware 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



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deploy in this area, Harris may have to reduce the coverage or power levels of its experimental transmissions or cease them entirely to prevent interference to those operations.

I thank you for your consideration, and look forward to your prompt response.

Very respectfully,

A handwritten signature in black ink, appearing to read "J. Teel". The signature is stylized with a large, looped "J" and a cursive "Teel".

James Teel
Director LTE Business Development
Harris Public Safety and Professional Communications