

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

February 21, 2013

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

**Re: Application of Raytheon Company for Temporary Spectrum Use at the International
Wireless Communications Expo, Application No. 0127-EX-ST-2013**

Dear Ms. Dortch:

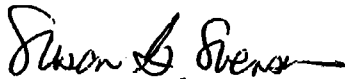
The First Responder Network Authority ("FirstNet") consents to the application of Raytheon Company ("Raytheon") for experimental special temporary authority ("Experimental STA") for temporary operation in FirstNet's 700 MHz band spectrum to demonstrate Long Term Evolution ("LTE") equipment in Las Vegas, Nevada at the International Wireless Communications Expo ("IWCE") between March 11, 2013 and March 15, 2013. FirstNet's concurrence is premised on temporary operations that conform to the following parameters:

- 1) Operation will be confined to one temporary base station and one associated antenna, and a small number of portable units all operating within one kilometer from the Las Vegas Convention Center, the demonstration site.
- 2) Raytheon requests 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 the period between March 11, 2013 and March 15, 2013, allowing time during that period for setup and testing, demonstrations, and teardown.
- 4) This Experimental STA is non-renewable. Any Experimental STA use of radio frequencies licensed to FirstNet beyond the period in clause (3), which this application covers, must be made by a separate request for such use by Raytheon.
- 5) FirstNet understands that Raytheon has analyzed information from the FCC's license databases and 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) Raytheon 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 an associated antenna located at the demonstration site and a small number of portable units in demonstration scenarios only.
- 7) Raytheon has stated that the Experimental STA will provide IWCE attendees an opportunity to test and receive an introductory knowledge of the potential benefits and capabilities of a Band 14 public-safety broadband network.

In addition, other parties have contacted FirstNet for temporary use of its frequencies for similar purposes at IWCE. FirstNet therefore notes that it is likely to issue similar concurrences to other applicants.

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

Respectfully submitted,



Susan G. Swenson
Board Member
First Responder Network Authority

cc: Greg Noneman, Senior Systems Engineer
Raytheon Network Centric Systems
Genaro Fullano, Associate Chief
Public Safety and Homeland Security Bureau