

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 Northrop Grumman Systems Corporation for Temporary Spectrum Use,
File No. 0775-EX-ST-2012**

Dear Ms. Dortch:

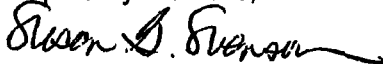
The First Responder Network Authority ("FirstNet") consents to the application of Northrop Grumman Systems Corporation ("Northrop") for experimental special temporary authority ("Experimental STA") for a proposed trial Long Term Evolution ("LTE") network using FirstNet's 700 MHz band spectrum to test and develop enhanced first responder applications and solutions. The proposed trial network would operate between the New York City metro area and Northern Virginia for a period not to exceed 180 days between May 1, 2013 and November 1, 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 four base stations located in New York City and Brooklyn, New York and Falls Church and McLean, Virginia. The equipment will include four temporary base stations and associated antennae and 20 portable units all operating at no more than three miles from the base sites.
- 2) Northrop has requested 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 180 days from the date on which the FCC grants New Orleans an Experimental STA, allowing time during that period for setup and testing, demonstrations, and teardown.
- 4) This Experimental STA cannot be renewed. To the extent Northrop would like to obtain additional Experimental STA use of the radio frequencies licensed to FirstNet, beyond the 180 day period to which this application refers, Northrop must file a separate request with the FCC.
- 5) FirstNet understands that Northrop 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) Northrop 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.
- 7) Northrop has stated that the Experimental STA will serve as an expository vehicle upon which advanced concepts of hypothetical first responder communications will be demonstrated.

- 8) Northrop has implemented internal procedures to monitor and maintain control of the handsets and will promptly respond to any reports of harmful interference. Each unit will be registered to its recipient and Northrop will maintain a record of each device so that each can be easily recalled at any time during testing and when testing is complete.

FirstNet concurs with the proposed operation by Northrop on certain frequencies currently licensed to FirstNet for purposes of trialing an LTE network between the New York City metropolitan area and Northern Virginia locations that will test and develop enhanced first responder applications. 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: Genaro Fullano
Jennifer Richter
Royce J. Kincaid