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July 17, 2013

VIA ELECTRONIC FILING

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

Re: Thales USA Inc. Request for Special Temporary Authority for Demonstration at the APCO trade show in Anaheim, CA
Experimental File No. 0637-EX-ST-2013

Dear Ms. Knapp:

Comsearch, on behalf of Thales USA Inc., ("Thales") respectfully seeks Experimental Special Temporary Authority ("STA") from the Federal Communications Commission ("Commission") to operate in the 700 MHz band public safety spectrum, using the 758-768 MHz for downlink and 788-798 MHz for uplink, to demonstrate Long Term Evolution ("LTE") equipment at the APCO trade show in Anaheim, CA on August 18 – 21, 2013.

Thales requests authority to operate over the 758-768/788-798 MHz band, which is currently licensed on a nationwide basis to the First Responder Network Authority ("FirstNet").

Purpose:

If granted, the experimental license will be used to demonstrate wireless technologies related to the public safety community on the exhibit floor of the Anaheim Convention Center. Operation will only be conducted indoors during the conference business hours and will be confined to the limits of the Thales booth.

The Experimental STA will serve the public interest by providing APCO attendees with an opportunity to test and receive an introductory knowledge of the potential benefits and capabilities of a Band 14 LTE public safety network.

Limited Use of Equipment Exclusively for Demonstration Purposes:

This demonstration 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 will include two temporary base stations and associated antennas along-with a small number of portable units, all operating within the Thales booth for demonstration purposes only. Operation will occur between August 18 – 21, 2013 which will allow time for setup and testing, demonstrations and teardown.

STA Disclaimer:

Thales understands that this STA will be granted for no more than the duration of the APCO trade show and will not attempt to renew this STA. If additional demonstration time is desired, a new STA request will be submitted.

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Absence of Interference Concerns:

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. One license (WQFY827) was identified with frequencies that are co-channel to those proposed in this request. The licensee (City of Los Angeles) was contacted and an email was received on 7/17/13 confirming this license is being cancelled and that the frequencies listed on the licensed are not being used. In addition, the licensee has confirmed they have no objection to our application.

Thales understands that other APCO exhibitors may be operating on the same spectrum within the Anaheim Convention Center. Thales will address any interference concerns directly with those exhibitors.

For the foregoing reasons, Thales respectfully requests that the Commission grant the requested Experimental STA for the purpose of demonstrating LTE equipment at the APCO trade show.

Sincerely,

Naveen Raghavan
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