

Morgan Wright
Vice President, Alcatel-Lucent
Global Mission Critical Communications Solutions

30 September 2010

VIA ELECTRONIC FILING

Ms. Marlene H. Dortch
Secretary
Federal Communications Commission
445 12th Street, S.W.
Washington, DC 20554

Re: *Expedited Request FCC Form 442, Special Temporary Authority, Use of 700 MHz Band 14 Public Safety Spectrum in Alexandria Virginia, October 12-16th 2010.*

Dear Ms. Dortch:

Alcatel-Lucent makes this supplemental filing to its Federal Communications Commission (“FCC”) Form 442 filing, as it seeks an expedited review of its Special Temporary Authority (“STA”) request made on September 30, 2010. The requested experimental STA is for October 12-16, 2010 for use in the City of Alexandria, Virginia. The expedited request for use of the public safety spectrum space in the 700 MHz Band 14 spectrum space, 758-768/788-798 MHz, is warranted as the proposed demonstration with the Alexandria Police Department will promote the “safety of life, health, or property” of the citizens of the United States. In addition, the Public Safety Spectrum Trust, the broadband licensee of the aforementioned spectrum space, will be filing a letter of concurrence allowing Alcatel-Lucent to use this space for the period requested above.

The proposed demonstration will promote the “safety of life, health, or property” of the United States by demonstrating the applicability of commercially developed technology (LTE – Long Term Evolution) to address public safety broadband requirements. The demonstration with the Alexandria Police Department will highlight the use of high-definition video conferencing between two patrol cars in a simulated field environment. The use of voice and video over LTE will increase the speed and precision of the critical decision making process. In addition, the use of commercially available technology that meets public safety requirements will further serve the public interests by lowering acquisition costs, and demonstrating the readiness of LTE to meet the requirements of the spectrum currently assigned to public safety.

Finally, Alcatel-Lucent plans to invite FCC and Congressional staff to this event, so that they can see the benefits of LTE broadband communications for our first responders today.

Please contact the undersigned with any questions in connection with this filing.

Respectfully submitted,



Morgan Wright
Vice President, Alcatel Lucent

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