

Booz Allen Hamilton Inc  
8283 Greensboro Drive  
McLean, VA 22102

Tel 1 703 902 5000  
Fax 1 703 902 3333

[www.boozallen.com](http://www.boozallen.com)

February 23, 2018

Julius Knapp  
Chief Engineer  
Office of Engineering and Technology  
Federal Communications Commission  
445 12<sup>th</sup> Street, S.W.  
Washington, DC 20554

Dear Mr. Knapp

Booz Allen Hamilton requests approval of this Experimental Special Temporary Authorization in order to conduct developmental testing and operational demonstration of Long Term Evolution (LTE) broadband communications in the 1700/2100 MHz Band 4 spectrum in support of defense force protection and tactical security operations. The work is to be conducted March 5 through March 30, 2018 at the Marine Corps Base Camp Pendleton near Oceanside, CA. The proposed operations will be conducted on a short-term, itinerant basis to meet the test and demonstration goals involving data communications and video surveillance to and from military assets. The proposed system will not be used for mission critical or safety of life communications.

The frequency ranges involved, 1710-1755 MHz and 2110-2155 MHz are licensed on a geographic area basis to commercial wireless carriers. Our proposed operation will not extend beyond the confines of MCB Pendleton and will be coordinated with the approval of the appropriate licensees based on the specific frequencies selected for testing.

The technical demonstration will consist of one small scale tactical LTE microcell using base station equipment from Fenix Group and commercial Samsung smartphone user devices.

Booz Allen Hamilton understands that operation under this STA would be for a temporary time period of 25 days duration, is non-renewable, and that no other rights to this spectrum are conferred through the granting of the STA. Should testing be

required after expiration of the STA, a new application would need to be filed. It is also understood that all operations under this STA are secondary to use by the commercial licensees and operations will be terminated should the FCC, or any other licensed user report harmful interference. Booz Allen will maintain control of the system at all times and be able to promptly turn it off in the event that it causes any interference.

Sincerely,

Michael W. Jacobs //s//

Michael W. Jacobs  
Chief Engineer  
Telephone: 443 758 5788  
Email: jacobs\_michael@bah.com