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July 12, 2018

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

Dear Mr. Knapp

Booz Allen Hamilton requests approval of this Experimental Special Temporary Authorization in order to conduct a short term technical demonstration of Long Term Evolution (LTE) broadband communications in the 700 MHz Band 14 spectrum in support of defense force protection and tactical security operations. The work is to be conducted August 28 through September 15, 2018 at the U.S. Naval Base Guam, near Santa Rita, Guam. 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 maritime assets. The proposed system will not be used for mission critical or safety of life communications.

The frequency ranges involved, 758-768 MHz and 788-798 MHz are licensed on a nationwide basis to the First Responder Network Authority. We understand that concurrence from FirstNet will be required to obtain this authorization, and that should our request conflict with AT&T's Band 14 deployment plans it will not be approved.

Information from the use of LTE will be shared with FirstNet and other interested parties, including the propagation performance of the 700 MHz band in the maritime environment.

As such, we believe that granting this STA is in the public interest.

Booz Allen Hamilton has thoroughly searched the FCC ULS database and has found no co-channel licensees other than FirstNet within the territory of Guam. The current status of the FirstNet build in Guam is uncertain, and FirstNet has instructed us to

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submit this request in order for them to consider it formally in conjunction with their contractor, AT&T.

The technical demonstration will consist of one deployable LTE macrocell using base station equipment from General Dynamics and commercial user devices such as dongles, modems, and routers made by General Dynamics and others will be used.

Booz Allen Hamilton understands that operation under this STA would be for a temporary time period of 19 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 FirstNet and that the test will be terminated should FirstNet, 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. Booz Allen will also notify the Guam FirstNet SPOC of its intent to conduct this testing.

Sincerely,

Michael W. Jacobs //s//

Michael W. Jacobs

Chief Engineer

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