

Booz Allen Hamilton Engineering Services, LLC

Request for Experimental License

File Number 0781-EX-PL-2013

Justification Letter for Nationwide Operation

Booz Allen Hamilton Engineering Services, LLC is an integrator of systems for military and government customers in the United States. As part of its business activities, Booz Allen Hamilton Engineering Services, LLC engages in the development of technical solutions to meet customer needs. One such need is for deployable LTE broadband communications networks capable of being rapidly placed into operation in tactical, remote, and disaster situations. The requested license will be used to develop, test, and demonstrate this technology to customers and other interested parties at various locations in the United States on a very short term temporary basis.

Field demonstrations will take place periodically at various locations across the United States at a rate expected to exceed two per month. In many cases, these demonstrations will take place for short periods of time (several hours) and will be conducted on military bases or in remote areas in order to minimize the potential for interference to other licensees.

The nationwide area of operations is requested in order to be able to support short-term testing and demonstration of deployable LTE technology for military and government users at a variety of locations around the country, primarily military bases. Testing in various locations nationwide will provide important technical information regarding LTE performance characteristics in a wide variety of terrain and land use types that is important for planning the deployment of such systems operationally. The nationwide license provides flexibility in scheduling tests and demonstrations based on availability of personnel and equipment and participation from military and government agencies invited to participate. Given the number of demonstrations and tests to be conducted, a single grant for nationwide operation will reduce the burdens on Booz Allen Hamilton Engineering Services and the FCC compared with obtaining individual authorizations for each test or demonstration.

All operations will be coordinated with incumbent BRS and EBS licensees prior to use, and will include provisions for immediate termination of the operation should a report of interference be received.