

Keith Sinclair  
General Dynamics C4 Systems  
8201 E McDowell Rd  
Scottsdale  
AZ 85257  
(415) 310 9165  
[keith.sinclair@gdc4s.com](mailto:keith.sinclair@gdc4s.com)

**General Dynamics C4 Systems**

Special Temporary Authority

Exhibit 1

The requested special temporary authority (STA) is to enable General Dynamics C4 Systems (GD C4S) to conduct testing and demonstration activities of a tactical broadband cellular system with the US army at Fort Dix, New Jersey. Though individual tests typically only last several days or weeks, the reason for applying for an 6 month duration STA rather than multiple short term STA is to facilitate on-going demonstrations with various user groups at short-notice.

GD C4S is the manufacturer of end-to-end 3GPP compliant LTE equipment including user equipment, eNB (3GPP terminology for base stations), and Evolved Packet Core (EPC). The system configuration will be comprised of mobile user equipment as well as a transportable and rapidly deployable eNB configuration. The system is capable of operating across the commercial 800MHz spectrum (termed band class 20 in 3GPP) in both 5MHz or 10MHz bandwidths.

GD C4S will coordinate with existing licensees prior to demonstrations in a particular location as required.