

## **I-Burst Technology Experimental License Authorization Request Purpose of Operation**

Eagle Project Corp. has been contracted by DARPA demonstrate a pilot network to conduct research and development for potential military purposes. The pilot will be used to validate the use of this technology for Department of Defense applications.

### **Contract number SCT-11-005**

- File Number: 0568-EX-ST-2014
- Class of Station: FX
- Station Location Mclean, VA
- Effective: 07/21/2014
- Expiration: 01/20/2015

## **Experimental Explanation**

To provide systems that combine innovative features such as Kyocera's I-Burst Technology networking. This combination yields unmatched capability, performance, and long term reliability to exceed warfighter expectations for battlefield connectivity.

### **Additional Information:**

#### **General Radio Specifications**

The following table shows the general radio specifications for *iBurst* Base Station.

##### **Item Specification Comments**

Maximum input power 0 dBm Max. No damage  
Frequency Range 1,790 to 1,795 MHz  
Instantaneous Bandwidth 5 MHz  
Carrier Spacing 625 kHz  
Simultaneous Carrier 1 to 8 Any channel frequency within a  
5 MHz bandwidth.

Stop Buzzer

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