

PUBLIC INTEREST STATEMENT

1. Introduction

By the instant request (“Application”), BAE Systems Information and Electronic Systems Integration Inc. (“BAE Systems”) requests that the Commission grant to BAE Systems a two year experimental license to operate the facilities (the “Facilities”) specified in the instant application.

2. Purpose and Nature of the Operation

BAE Systems manufactures and tests RF systems as well as antennas for DOD as well as other governmental customers. The testing specified in this Application will be conducted by BAE Systems Information and Electronic Systems Integration Inc., which is a major producer of electronic warfare systems, protection systems, and tactical surveillance and intelligence systems for all branches of the armed forces. This unit’s lines of business include Electronic Warfare/Electronic Protection, Electronic Warfare/Information Warfare, Integrated Defense Solutions, and Mission Electronics with products and services spanning the whole electromagnetic spectrum. The testing specified in the instant Application is a critical part of the manufacture and delivery of systems provided to the military in support of war efforts. This authority is requested to support operations necessary for the pursuit of the following government contract opportunity:

Broad Agency Announcement Number: W900KK-09-R-0037 FY10

BAE Systems Contract Number: SC001-0000000479

Draper laboratory Contract Number: W90066-10-C-0025

In addition, authority is requested for general research and development (“IR&D”) activities.

3. Transmitter Information

Manufacturer: BAE Systems

Model Number: N/A

Number of Units: 3

Experimental: YES

4. **Omni Directional Antenna Gain Information**

Mfg.	Model Number	Gain
Hyperlink Technologies	HG5808U	26 dB

5. **Stop Buzzer.**

BAE Systems hereby advises that Eric Rundquist will be available by wireless telephone at (603) 809-8960 and will act as a “stop buzzer” if any issues regarding interference arise during testing.