

Exhibit 1

1. Introduction

By the instant application (“STA Request”), BAE Systems Information and Electronic Systems Integration Inc. (“BAE Systems”) requests that the Commission grant Special Temporary Authority (“STA”) to BAE Systems to operate the facilities (the “Facilities”) specified in the instant STA Request.

The instant application seeks STA for operations in Merrimack, NH, for the same Facilities previously granted to BAE Systems for a neighboring antenna range in Litchfield, NH, under File No. 0325-EX-ST-2006, and under the same terms and conditions. The Facilities requested herein are required to permit the initial tests to be conducted in order to determine whether the Merrimack range is available as an alternative test site for the relevant contract.

2. Purpose of the Operation

BAE Systems manufactures and test numerous electronic systems for DoD customers. The testing specified in this STA Request will be conducted by a business unit of BAE Systems which is a major producer of electronic warfare systems, protections systems, tactical surveillance, intelligence and communication systems for all branches of the armed forces. The company’s line of business includes Electronic Warfare/Electronic Protection, electronic Warfare/Information Warfare, Integrated Defense Solutions and Mission Electronics.

The testing at the Merrimack Antenna Test Range is a critical part of the manufacture and delivery of military systems provided to the Armed Forces in support of Homeland Security as well as war efforts. As a general matter, the purpose of the facilities for which consent is requested herein is to test the performance of a system designed to locate ground surveillance radars. The test will be conducted with the target radars (transmit elements) at a fixed location, and the sensor system (receive elements) moved to various predetermined locations at the Merrimack Antenna Test Range. The contract information pursuant to which this experiment will be conducted is as follows:

Customer Name:	USA CECOM RDEC I2WD
Customer Contact	Bek Osman, 732-427-5602 (bek.osman1@us.army.mil)
Contract Number	W15P7T-05-C-P224

Additional details regarding the nature of the transmissions for which authority is requested are specified at Exhibits 2, 3 and 4, as follows:

- Exhibit 2 contains information for the facilities identified at Antenna Registration #1 of this Application, which relate to a Ground Surveillance Radar (AN/PPS-15) to be used as one of the “target” radars, to transmit in the band 10.2-10.4 GHz.

- Exhibit 3 contains information for the facilities identified at Antenna Registration #2 of this Application, which relate to a Marine Radar (Fruruno 1623) to be used as one of the “target” radars, to transmit in the band 9380-9440 MHz.
- Exhibit 4 contains information for the facilities identified at Antenna Registration #3 of this Application, which relate to a transmit system designed by BAE Systems (ESE1) that is comprised of an Agilent signal generator (E8267D) and HD Communications amplifier (HD18274) as its component parts.

3. Prevention of Interference

BAE Systems’ Tracy Johnson will be available by wireless telephone at (603) 689-8630 and will act as a “stop buzzer” if any issues regarding interference arise during testing.