

Exhibit 1

1. Introduction

By the instant application ("Application for Two-Year License"), BAE Systems Information and Electronic Systems Integration Inc. ("BAE Systems") requests that the Commission grant a Two-Year experimental license for the facilities ("Facilities") specified in the instant FCC Form 442.

Pursuant to File No. 0114-EX-ST-2005 (the "STA Request"), the Commission granted Special Temporary Authority ("STA") under Call Sign WC9XCL to BAE SYSTEMS to operate the subject Facilities through September 23, 2005. As explained in the STA Request, authority to operate the Facilities under STA was necessary to permit the company to meet certain military/homeland security requirements. Because BAE SYSTEMS anticipates that it will remain responsible for testing and maintaining the system after the September 23, 2005 expiration date of the STA, BAE SYSTEMS hereby requests grant of the instant Application for Two-Year License so that it can operate the Facilities under a full experimental license.

2. Purpose of the Operation

BAE SYSTEMS manufactures and tests numerous antennas for numerous classified customers. The testing specified in this STA Request will be conducted by a business unit of BAE SYSTEMS, BAE SYSTEMS Information & Electronic Warfare Systems (IEWS), which is a major producer of electronic warfare systems, protection systems, and tactical surveillance and intelligence systems for all branches of the armed forces. IEWS' lines of business include Electronic Warfare/Electronic Protection, Electronic Warfare/Information Warfare, Integrated Defense Solutions, and Mission Electronics. The subject testing will involve passive, non-radiating and active, radiating testing of an experimental telecommunications system at BAE SYSTEMS' Merrimack Antenna Test Facilities located in Merrimack, NH.

The security guidelines do not permit BAE SYSTEMS to reveal the contract number, agency, or the point of contact (POC) for the customer.

The testing at the Merrimack Antenna Test Facilities 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.

3. Other Issues

A. Antenna Data

For the convenience of the Commission, the chart below defines certain specifications relating to the monopole antenna that is intended to be used in the requested experiment:

Ant. #	Mfg.	Model Number	Frequency Range	Gain (Nom.)
1	Shakespeare	Style 120	.850 – 30 MHz	0 dBi
2	Shakespeare	Model 222	1.6 – 30 MHz	0 dBi

B. Additional Signal Amplification

Due to the low gain of the transmit antennas, an additional signal amplification is to be utilized.

Mfg.	Model Number	Frequency Range	Gain (Nom.)
HP	8347A	100 KHz – 3 GHz	20 dBm

C. Prevention of Interference

BAE SYSTEMS hereby advises the Commission that the tests to be conducted under the requested Commission authorization are to be conducted near the center of BAE SYSTEMS' Merrimack, New Hampshire facilities. Such location will result in the separation of the test facilities from other existing transmit or receive facilities. BAE SYSTEMS' Brian Egan will be personally conducting the test and will be available by telephone at (603) 885-3173. Mr. Egan will act as a "stop buzzer" if any issues regarding interference arise during testing.