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 permit BAE SYSTEMS to operate the facilities (the "Facilities") specified in the instant STA Request until such time as BAE SYSTEMS files with the Commission an application for permanent authority ("Application For Permanent Authority") to operate the Facilities and obtains grant of such Application For Permanent Authority.

STA is requested for a period of six (6) months from the date of grant of this STA Request, or until such time as BAE SYSTEMS files, and the Commission acts upon, the Application For Permanent Authority to be filed with the Commission BAE SYSTEMS in the near future.

In addition, in light of the short timeframe involved and the fact that the proposed operations are being designed to meet military/homeland security requirements, BAE SYSTEMS hereby respectfully requests that the Commission (as well as any other governmental agencies which will be asked to review and/or coordinate the application ["Other Governmental Agencies"]) expedite review of the instant STA Request to permit the timely commencement of operations by BAE SYSTEMS.

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. Discussion Regarding the Specified Frequency Bands

The STA Request seeks Commission authority to operate within a number of different frequency bands, as identified in the column set forth below. Although BAE SYSTEMS is aware that requesting authority for such a broad selection of frequencies will require significant review and coordination efforts, BAE SYSTEMS notes that the subject system's capabilities will span the whole electromagnetic spectrum, and the operating frequency bands of the system's radiating elements will range from HF to Millimeter-wave, and the instantaneous frequency bandwidth of these radiating elements are often multi-octave or even decade. As contractually specified by all government procurement agencies, any development and/or product sell-off requires realistic measurement of a system. Should BAE SYSTEMS be denied the critical ability to perform radiation measurement over broad frequency bandwidths, such denial would severely hinder the execution of the programs and systems developed by the company in support of Homeland Security efforts. Accordingly, authorization under such a broad variety of frequency bands is necessary in this context.

It is further noted that the Commission has already previously granted STA to BAE SYSTEMS to operate at the Merrimack Antenna Test Facilities on the frequency bands highlighted in yellow. See File No. 0509-EX-ST-2003 (WB9XWZ).

.03 to .5 GHz
.5 to .932 GHz
933 to .960 GHz
1.1215 to 2.70 GHz
2.90 to 4.20 GHz
4.40 to 5.0 GHz
5.250 to 6.0 GHz
6.0 to 10 GHz
10 to 20 GHz
20 to 26 GHz

BAE SYSTEMS has chosen these same frequency bands (the "Previously Coordinated and Granted Frequencies") for inclusion in the instant STA Request in order to minimize the possibility that the STA Request will be subjected to coordination delays and inquiries. In this regard, should these Previously Coordinated and Granted Frequencies become available for grant prior to the remaining requested frequencies, BAE SYSTEMS hereby

requests preliminary partial grant of such Previously Coordinated and Granted Frequencies while the remaining frequencies continue through the coordination process.

Finally, with respect to the newly chosen frequency bands (i.e., .03-.5 GHz, 6-10 GHz, 10-20 GHz and 20-26 GHz), BAE SYSTEMS is aware that certain restrictions may be placed on the company's ability to operate on specified frequencies and BAE SYSTEMS intends to cooperate with respect to any frequency exclusions that are required as a result of the coordination process.

4. Why STA and Expedited Processing is in the Public Interest

STA and expedited processing is being requested in order to obtain processing by the Commission and Other Governmental Agencies as expeditiously as possible so that the commencement of operation of the proposed facilities can occur by the third week of September, 2004. Commencement of operations under that timeframe is necessary so that BAE SYSTEMS can demonstrate and verify performance of the subject system in accordance with the guidelines of a military contract for which BAE SYSTEMS will be competing in the very near future. As stated above, the testing at the Antenna Test Range 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, and BAE SYSTEMS is not in a position to delay the commencement of these tests. Expedited review of the STA Request and Commission grant of STA in this case will permit BAE SYSTEMS to commence operations under a timeframe that will permit it to timely verify performance and submit the system to the government under applicable bidding procedures. As explained above, BAE SYSTEMS will subsequently submit to the Commission its Application For Permanent Authority seeking to operate the Facilities. STA is requested until such time as the Commission acts upon the Application for Permanent Authority.

For the foregoing reasons, expedited review and approval of this STA Request is in the public interest, convenience and necessity.

5. Other Issues

A. Directional Antenna Data - Width of Beam/Orientation

Antennas 1-3 specify directional antennas. The following sets forth, for each of these three directional antennas, the: (i) Width of Beam (in degrees) at the Half-Power Point; (ii) Orientation in Horizontal Plane; and (iii) Orientation in Vertical Plane:

Ant. #	Mfg.	Model Number	Frequency Range	Gain (Nom.)	3 dB Beamwidth	
					E Plane (Vert.)	H Plane (Horiz.)
1	Condor	AS-48450	.5 to 2.0 GHz	7-12 dBi	70°to 25°	70°to 25°
2	Condor	AS-48461	2.0 to 18.0 GHz	5-18 dBi	60°to 10°	60°to 10°
3	Condor	AS-48440	18.0 to 26.0 GHz	.6 to 14 dBi	60°to 25°	60°to 25°

B. Prevention of Interference

BAE SYSTEMS hereby advises the Commission that the tests to be conducted under the requested Commission authorization are to be conducted outdoors, 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 wireless telephone at (603) 566-4879. Mr. Egan will act as a "stop buzzer" if any issues regarding interference arise during testing.