

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.

2. Combination of Four STA Requests:

- **Pending File No. 0200-EX-ST-2007 (filed 4/12/2007) (Merrimack, NH)**
- **Pending File No. 0085-EX-ST-2007 (filed 2/06/2007) (Merrimack, NH)**
- **New STA Requirements (Litchfield, NH)**
- **Pending File No. 0029-EX-ST-2007 (filed 2/02/2007) (Hudson, NH)**

This STA Request represents the combination of the following four STA Requests previously filed with the Commission:

- File No. 0200-EX-ST-2007 (filed 4/12/2007) (Merrimack, NH)

The facilities identified in the above-referenced pending request are now identified at Antenna Registration #1 of the instant STA Request, and more specifically at Exhibit 2 attached hereto.

- File No. 0085-EX-ST-2007 (filed 2/6/2007) (Merrimack, NH)

The facilities identified in the above-referenced pending request are now identified at Antenna Registration #2 of the instant STA Request, and more specifically at Exhibit 3 attached hereto.

- New STA Request (Litchfield, NH)

These new STA requirements are identified at Antenna Registration #3 of the instant STA Request, and more specifically at Exhibit 4 attached hereto.

- File No. 0029-EX-ST-2007 (filed 2/02/2007) (Hudson, NH)

The facilities identified in the above-referenced pending request are now identified at Antenna Registrations #4 and 5 of the instant STA Request, and more specifically at Exhibit 5 attached hereto.

Assuming that the Commission accepts this “combined” STA Request, BAE Systems is willing to request dismissal of the two above-referenced previously-filed submissions.

3. Purpose of the Operation

BAE Systems manufactures and tests RF systems, from the transmit antenna performance to the entire system as a whole for DOD as well as other governmental customers. The testing specified in this STA Request 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.

The testing for which authority is requested in this STA Request will involve experimentation in data and video transmission. At this time, the program/contract information specifically associated with the requested frequency requests are as follows:

- Antenna Registration #1

There is currently no government contract information specifically associated with the requested frequency request. Outdoor testing is necessary to validate the system in order to demonstrate to potential system users within the DoD community, which includes DARPA. If and when the facilities are to be used to implement the requirements of a specific government contract, BAE Systems will notify the Commission, or seek any necessary approvals, at such time.

- Antenna Registration #2

There is currently no government contract information specifically associated with the requested frequency request. Outdoor testing is necessary to validate the system in order to demonstrate to potential system users within the DoD community, which includes DARPA. If and when the facilities are to be used to implement the requirements of a specific government contract, BAE Systems will notify the Commission, or seek any necessary approvals, at such time.

- Antenna Registration #3

The contract information associated with the facilities identified for this Antenna Registration is as follows:

Agency/Customer – NAVICP Mechanicsburg
Point of Contact – Steven Banks – (717) 605-4146
Contract No. – N00104-05-G-A503 (Antenna Repair)

- Antenna Registrations #4 and 5

There is currently no government contract information specifically associated with the requested frequency request. Operation of these facilities is requested as part of BAE Systems' internal development of its First InterComm™ system. If and when the facilities are to be used to implement the requirements of a specific

government contract, BAE Systems will notify the Commission, or seek any necessary approvals, at such time.

Thus, the testing at the BAE Systems 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.

4. Why STA is in the Public Interest

STA is being requested because the proposed experiment is currently expected to last no more than six months. Outdoor testing is necessary to validate the system in order to demonstrate to potential system users within the DoD community, which includes DARPA. For the foregoing reasons, approval of this STA Request is in the public interest, convenience and necessity.

5. Prevention of Interference – “Stop Buzzers”

Antenna Registration #1

BAE Systems’ John Cockerham will be the available as a “stop buzzer”. His phone number is (603) 885-7123 if any issues arise.

Antenna Registration #2

BAE Systems’ John Cockerham will be the available as a “stop buzzer”. His phone number is (603) 885-7123 if any issues arise.

Antenna Registration #3

BAE Systems’ Richard C. Ball will be personally conducting the test and will be available by wireless telephone at (603) 318-6913. Mr. Ball will act as a “stop buzzer” if any issues regarding interference arise during testing.

Antenna Registrations #4 and 5

BAE Systems’ Bill Delaney will be available by wireless telephone at (603) 345-1864. Mr. Delaney will act as a “stop buzzer” if any issues regarding interference arise during testing.