

Request for Special Temporary Authority

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 for the facilities (the "Facilities") specified in the instant STA Request.

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, its application for permanent authority ("Application For Permanent Authority") to be subsequently filed with the Commission.

1. **Purpose and Nature of the Operation**

BAE SYSTEMS manufactures and tests various antennas and communications systems for numerous classified customers. The Facilities for which BAE SYSTEMS seeks authority to operate pursuant to this STA Request are to be operated at BAE SYSTEMS' facilities at Pope Technical Park in Hudson, New Hampshire as part of BAE SYSTEMS' performance of its obligations under a military contract, namely the Adaptive Joint C4ISR Node Advanced Concept Technology Demonstration ("AJCN"). The AJCN program is intended to integrate communications, communications signals intelligence and electronic attack information operations into a single system. The communications facilitated by the AJCN will involve communications by and among U.S. Army and Air Force units, and will be used in connection with geo-location technologies. Such system will also be coordinated with state and local public safety entities, as well as homeland defense agencies. The testing of the 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.

The Facilities specified in this STA Request will provide the ability for AJCN antennas to relay communications to and from mobile and portable units operating on a variety of frequencies, in support of homeland security goals. The nature of the AJCN program requires that BAE SYSTEMS demonstrate substantial operational and technical flexibility by receiving communications on a variety of frequencies in a variety of frequency bands, and then relaying the same communications on a variety of different frequencies in different frequency bands. Tests will be performed at and around the BAE SYSTEMS facility with several mobile and portable devices communicating with the AJCN system.

The AJCN OTA number and point of contact (POC) for the relevant military contract is as follows:

OTA # MDA972-00-9-0009

Contracts	Technical
Mr. Charles Ade CECOM Acquisition Center AMSEL-AC-CC-RT-S Building 1208, First Floor Fort Monmouth, NJ 07703-5008 (732) 427-1334	US Army CERDEC ATTN: AMSRD-CER-ST-SP (Edward Kierman) Myer Center, Bldg 2700 Fort Monmouth, NJ 07703 (732) 427-0148

2. Why STA is in the Public Interest

STA is being requested in order to permit BAE SYSTEMS to conduct demonstration testing of the Facilities in the near term, and the Application For Permanent Authority will be filed with the Commission requesting authority to operate the Facilities for the remainder of the contract term. Specifically, in order to fulfill its near term obligations under the applicable military contracts, BAE SYSTEMS must conduct - prior to February 1, 2005 - critical demonstration testing for its customer, as well as field tests that must be performed prior to the customer demonstrations. Accordingly, STA is necessary. Because BAE SYSTEMS will remain responsible for testing and maintaining the system after these demonstration tests and after the anticipated February, 2005 delivery date for the duration of the contract (i.e., through approximately 2007), BAE SYSTEMS will subsequently file the Application For Permanent Authority as a separate filing. For these reasons, grant of an STA for the requested Facilities at this time would be in the public interest.¹

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

¹ It is noted that the facilities requested in this STA Request will be operated in conjunction with the experimental facilities granted under Call Sign WB9XZU (File No. 0484-EX-ST-2004) in support of the AJCN program. Specifically: (i) Antenna #1 in the instant STA Request adds four (4) frequencies to the fixed AJCN base station used for this system; (ii) Antenna #2 in the instant STA Request adds a new ICOM-F3GT mobile radio to the authorized AJCN system; (iii) Antenna #3 in the instant STA Request adds a new Vertex VX-510 mobile radio to the authorized AJCN system; and (iv) Antenna #4 in the instant STA Request adds new frequencies to the mobile radio ITT RT-1523-C.