

Arent Fox

May 24, 2011

FILED ELECTRONICALLY

Federal Communications Commission
Office of Engineering and Technology
Experimental Licensing Branch
Washington, DC. 20554

**Re: Request for Expedited Processing and Grant for Very Limited 56 day STA from
June 6-July 31, 2011 at Cochise College, Arizona**

BAE Systems Information and Electronic Systems Integration Inc.

**Application For Special Temporary Authority
File No. 0341-EX-ST-2011**

Dear Sirs:

On behalf of BAE Systems Information and Electronic Systems Integration Inc. ("BAE Systems"), this letter is to request expedited processing of the above-referenced application ("STA Request") wherein BAE Systems requested that the Commission grant special temporary authority ("STA") to permit BAE Systems to operate the facilities specified in the STA Request for a 56 day period, from June 6-July 31, 2011.

In support of this Request, the following is shown:

- **Urgent Need for Demonstration of in Support of Contractual Obligations.**

As explained at Exhibit 1, the testing conducted by BAE Systems 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. Specifically, this demonstration will be conducted at and around the campus of Cochise College in Cochise County, Arizona for the purpose of test and verification for a signals intelligence payload soon to deploy to the field.

Expedited grant of this STA Request by June 6, 2011 is required to meet contractual obligations associated with US Army Contract No. W911QY-08-D-0015. Cochise College has been selected to conduct final test activities due to its proximity to the integrator in charge of installing the BAE Systems payload. The purpose of the test is to evaluate BAE System's payload for its readiness to be sent to the field.

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- Involvement with DOD Area Frequency Coordinator for State of Arizona.

The Acting DOD Area Frequency Coordinator for State of Arizona is aware of this near-term testing. Form 1494 has been completed and DOD frequencies approved that apply to the MAG.

- Limited Duration and Scope of Experiment

Processing of this STA Request should be assisted due to the extremely limited duration and scope of the experiment. Specifically:

Grant of STA is requested for a 56 day period, from June 6 to July 31, 2011.

All testing is to be conducted at ground level – this experiment will not involve airborne transmissions.

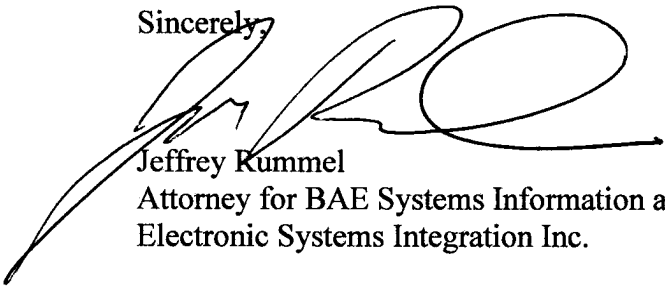
Authority is requested for only limited and sporadic operation of the facilities during the authorized timeframe. Specifically, operation of the facilities will occur only from 5:00 am – 5:00 pm local time. The majority of operations of the facilities will be conducted in a remote region of Cochise College grounds. In addition, during those hours, operation will be sporadic, not continuous. There may be extended periods of non-operation during the authorized period, while other non-RF transmission aspects of the experiment are conducted.

In order to ensure that the proposed facilities do not pose a threat of interference, the operator will initially listen and verify the intended frequency is not in use before transmitting. If the frequency is in use, a different frequency from the list will be selected.

BAE Systems is well aware that requests to expedite processing and grant of experimental applications such as this STA Request place additional requirements on the Commission's already strained resources. For that reason, BAE Systems submits expedite requests only in the most urgent circumstances and where no other alternative exists. For the reasons set forth above, BAE Systems has demonstrated the urgent need for expedited processing in this particular case. BAE Systems greatly appreciates the Commission's attention to this matter.

Should any questions arise with respect to the instant STA Request, please do not hesitate to contact undersigned.

Sincerely,

A handwritten signature in black ink, appearing to read 'JR', with a large, stylized loop at the end.

Jeffrey Rummel
Attorney for BAE Systems Information and
Electronic Systems Integration Inc.