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FILED ELECTRONICALLY

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

Re: Request for Expedited Processing and Grant by May 8, 2007

BAE Systems Information and Electronic Systems Integration Inc.

Application For Special Temporary Authority

File No. 0741-EX-ST-2006

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 (the "Facilities") specified in the STA Request.

In support of this Request, the following is shown:

1. Although not originally associated with a government contract at the time of filing, the STA Request and the experiment specified therein has now been associated with a US Army contract, which - BAE Systems has been advised - requires commencement of testing in the very near term. Simultaneously with this letter, an Amended Exhibit 1 to the STA Request has been submitted to the Commission identifying the Army contract information (copy attached). The contract information is as follows:

Customer/Agency: Army Research Laboratory,
via subcontract with General Dynamics Robotic Systems

Contract No.: Advanced Perception (AP-07-06-002)
Next Generation Sensors for Unmanned Vehicles/Human and
Obstacle Detection using Radar

Point of Contact: Mike Langrehr (410-840-1029)

As explained in the Amended Exhibit 1, the contract requires operating and taking data from the VORAD (Vehicle Onboard RADar) front end. It operates in the band and with the waveform described in BAE Systems' original STA Request. This radar is designed for vehicle collision avoidance and is used extensively for commercial big rig trucks. BAE Systems' application is to use on unmanned ground vehicles for personnel safety. The applicant is analyzing the data to determine the time and frequency domain characteristics of personnel radar returns.

BAE Systems has been advised that field testing of the subject radar system is necessary by early May, 2007, to meet contractual requirements related to the above-referenced contract. Accordingly, grant of this STA Request by May 8, 2007, is requested to meet these scheduling requirements.

2. The STA Request is extremely limited in scope (only 4 selected frequencies have been requested) and the specified power level is very low. Accordingly, very few coordination issues would be anticipated once the STA Request is forwarded for processing.
3. The unexpectedly lengthy duration of processing for this STA Request requires that BAE Systems submit the instant STA Request at this time. As the Commission is aware, the STA Request was originally filed on October 3, 2006, almost six months ago. BAE Systems understands that there are other applications of other filers which also have been pending for similar or longer periods of time. However, until the experiment was recently associated with the above-referenced government contract, and BAE Systems was advised that field tests were required to be commenced in early May, BAE Systems did not require special Commission attention to the timing of the grant of this STA Request. It is only at this point, having just been advised of a near term scheduling requirements, that this request was deemed necessary in order to avoid conflict with the contract's requirements. Based on continued processing backlogs, it appears that without expedited processing the instant STA Request is unlikely to be granted in a timeframe that will permit compliance with the contract's requirements. For this reason, expedited processing and grant of the STA Request is respectfully requested by May 8, 2007.

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

Sincerely,



Jeffrey Rummel

Attorney for BAE Systems Information and
Electronic Systems Integration Inc.