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March 1, 2007

FILED ELECTRONICALLY

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

**Re: Request for Expedited Processing for 1 Month STA
Between March 26-April 27, 2007**

BAE Systems Information and Electronic Systems Integration Inc.

**Application for Special Temporary Authority
File No. 0115-EX-ST-2007**

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") for an *extremely limited timeframe* – namely – for only *one month from March 26-April 27, 2007*.

As explained in the STA Request, the experiment relates to BAE Systems' development of imaging system that will involve the one-way transmission of data from an in-flight aircraft – transmitting solely within an area above the Gulf of Mexico. The "In Flight Transmission Area" is described in Exhibit 1 and Exhibit 2 of the STA Request.

PLEASE NOTE THAT THE FAA HAS ALREADY PRIOR COORDINATED THIS APPLICATION. PLEASE SEE ATTACHED E-MAIL FROM FAA'S JIM BURCHFIELD CONFIRMING THAT FAA HAS NO OBJECTION TO THE STA REQUEST, AND THAT THE NAVY AND AIR FORCE SHOULD HAVE NO OBJECTION TO THE STA REQUEST (COORDINATION NUMBER = NG-07-230).

Expedited grant by March 26 is necessary because BAE Systems will have access to the relevant aircraft at Venice Municipal Airport only for the period of March 26-April, 2007 to conduct this experiment. During that one month period, BAE Systems will require *only one week of actual transmission time*. At this time, due to logistical issues relating to the leasing of the aircraft, the actual week of operations has not been identified. Accordingly, it is necessary that authority for one month be requested at this time.

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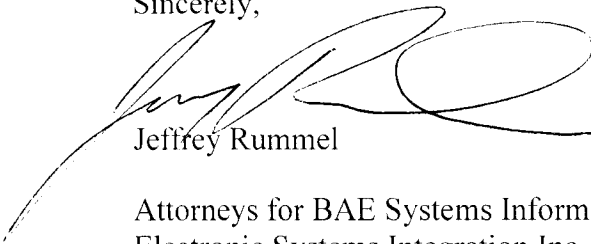
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Federal Communications Commission
Office of Engineering and Technology
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Should any questions arise with respect to this letter, please do not hesitate to contact undersigned counsel.

Sincerely,

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

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

Rummel, Jeffrey

From: Matthew.Burchfield@faa.gov
Sent: Tuesday, February 27, 2007 2:13 PM
To: Rummel, Jeffrey
Subject: Re: BAE Systems - Request for Expedited FAA Prior Coordination of FCC STA Experimental Request

Attachments: FLA2.pdf



FLA2.pdf (508 KB)

Mr Rummel,

The FAA's Eastern Service Area Spectrum Support Center has no problem with BAE Systems using the frequencies requested in the STA attachment to this e-mail. The FAA has no frequencies in the band G14.35-15.35 within 100 NM of the center coordinates of your clients test area. The military (Navy and Air Force) have five frequencies within this band that they use at the Mid-Atlantic Electronic Warfare Range to simulate surface to air missile and anti aircraft artillery radars. This facility is located at Avon Park, Florida and is approximately 62-71NM from your clients location and should not cause them any problems and I don't anticipate BAE Systems causing them any problems.

Your coordination number is NG-07-230.

Should you are your client have any questions please call me at 404-305-6672.

thank you

Jim b.

"Rummel, Jeffrey"
<Rummel.Jeffrey@A
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02/27/2007 12:35
PM

Matthew Burchfield/ASO/FAA@FAA

To

cc

"D'Ancona, Philip \"(US SSA)\"
<philip.dancona@baesystems.com>,
"Santillo, John E. \"(US SSA)\"
<john.santillo@baesystems.com>

Subject

BAE Systems - Request for Expedited
FAA Prior Coordination of FCC STA
Experimental Request

Mr. Burchfield:

BAE Systems, my client, intends to file with the FCC - either today or tomorrow - a Request for an experimental Special Temporary Authority to transmit on certain facilities in the microwave link band in connection with an in-flight experiment to be conducted off the Florida Coast, above the Gulf of Mexico.

In order to assist in the company's efforts to obtain expedited FCC grant by the requested March 26, 2007, date, I am transmitting to you the draft of BAE Systems' application that is to be filed with the FCC. On behalf of BAE Systems, I would greatly appreciate it if you could review the application, and confirm FAA's coordination of the application prior to the company's filing the STA Request with the FCC. As explained in the application, this STA Request is extremely limited in nature, in that:

- STA is required for only a one month period, from March 26-April 27, 2007.
- BAE Systems will require only one week of actual transmission time during the one month STA period. At this time, due to logistical issues relating to the leasing of the aircraft, the actual week of operations has not been identified. Accordingly, it is necessary that authority for one month be requested at this time.
- Transmission is anticipated during the hours of 0700-2300 (EDT).
- The requested operations have been coordinated with the appropriate Venice Municipal Airport personnel.

If you require any additional technical information to complete your review, please do not hesitate to contact me directly.

Best regards,

Jeffrey Rummel
Attorney for BAE Systems

<<FLA2.pdf>>

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(See attached file: FLA2.pdf)