

From: Larry Medors
To: John Kennedy
Date: July 08, 2003
Subject: FCC File #: 0213-EX-ST-2003

Message:

From:~Larry Medors, BAE Systems
Date:~July 7, 2003
Subj.:~FCC File #: 0213-EX-ST-2003 [Reference Number: 2623]
In response to your email (jkennedy@fcc.gov, Confirmation Number: EL13340) on June 26, 2003,

the following are answers to your questions:

1. Are there specific channels planned for use within the band (30 – 88 MHz)?

We are flexible in the channels we use for our test. The channels we tentatively plan to use are those 25

kHz channels within 6 MHz wide bands. We would operate the radios in a frequency-hopping mode

within the following 6 MHz bands:

33 to 39 MHz

49 to 55 MHz

65 to 71 MHz

82 to 88 MHz.

2. What are the times and duration of the operations?

The test is planned for August 25 through August 28, 2003. The planned times of operation are 0730

to 1700 hours, and the duration of each transmission will not exceed 2 seconds. We plan to use 6

radios communicating amongst each other within the assigned 6 MHz band for a total duration of 1

minute maximum for each data collection run.

The data from the test run will be collected and analyzed, and another test run will be repeated. We

plan to repeat the data collection 6 times every hour for a total of 6 minutes of transmissions per hour of

operation. This sequence will be repeated for each of the assigned 6 MHz bands.

3. What measures will be taken to ensure that there is no interference to existing stations?

A spectrum analyzer will be operating concurrently to monitor the RF spectrum environment. We will

use this spectrum data to avoid radiating in any channel or band where there is transmitted energy.

Also, the Litchfield location is a BAE Systems facility where testing is done on a frequent basis. There

is in place an informal procedure where local users/stations can call the site manager if interference is

detected and if we are the source of transmission the test will be terminated.

Again, we are flexible in the frequencies we use for test and are looking forward to working with the FCC in obtaining permission to radiate in any 6 MHz bands within the 33 to 88 MHz frequency range.

If there are any further questions or clarifications to my above responses, please contact me:

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