

Leann Nguyen

From: David S. Keir [dkeir@lsl-law.com]
Sent: Tuesday, November 13, 2007 5:51 PM
To: oetech@fccsun27w.fcc.gov
Cc: Leann Nguyen
Subject: FCC File# 0345-EX-PL-2007 [Reference Number: 5757]

Confirmation Number: EL897440

This response is sent to you on behalf of Bigelow Aerospace with respect to the questions posed in your November 6, 2007 email (reproduced below) concerning the above-referenced application. For your convenience the questions are also provided in the body of this message.

Bigelow Aerospace was asked to provide the following information:

Q: [What is the] ERP?

Response: The ERP should be 14 picoWatts (~-78 dBm), based on the value in the application for input power received at the antenna (0.2 picoWatts). This meets the NTIA requirement of -144.46 dBm at 30 meters.

Q: Please confirm the frequency band 1565.4 - 1585.4 MHz with the bandwidth 24 MHz. The bandwidth that you provided is exceeding the frequency band that you applied. If you'd like to test GPS - L1 with frequency 1575.42 MHz with bandwidth 24 MHz, please send me an email to confirm changing the information on your application.

Response: The correct bandwidth is 20 MHz. Accordingly, the emission designator specified should be 20M0W7D rather than what was provided in the original application.

Please let me know if you need any further information.

Thank you,
David



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-----Original Message-----

From: Generic Office of Engineering Technology [<mailto:oetech@fccsun27w.fcc.gov>]

12/11/2007

Sent: Tuesday, November 06, 2007 10:50 AM

To: mgold@bigelowaerospace.com

Subject: FCC File# 0345-EX-PL-2007 [Reference Number: 5757]

Please provide the following information:

- ERP

- Please confirm the frequency band 1565.4 - 1585.4 MHz with the bandwidth

24 MHz. The bandwidth that you provided is exceeding the frequency band that you applied. If you'd like to test GPS - L1 with frequency 1575.42 MHz with bandwidth 24 MHz, please send me an email to confirm changing the

information on your application.

Confirmation Number: EL897440

Leann.Nguyen@fcc.gov

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The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information within 30 days of 11/06/2007 may result in application dismissal pursuant to Section 5.67 and forfeiture of the filing fee pursuant to Section 1.1108.

DO NOT Reply to this email by using the 'Reply' button. In order for your response to be processed expeditiously, you must upload your response via the Internet at <https://fjallfoss.fcc.gov/oetcf/els/index.cfm> by clicking on the 'Reply to Correspondence' hyperlink.

All references to this correspondence must contain reference number 5757

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12/11/2007