

From: Jochen Teizer

To: Doug Young
Date: June 21, 2007

Subject: Request for Info - File #0090-EX-PL-2007

Message:

Jochen Teizer
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Atlanta, GA, 30332-0355
June 12, 2007

Federal Communications Commission
Mr. Douglas Young
Douglas.Young@fcc.gov

Re: File #0090-EX-PL-2007 [Reference Number: 4996]

Dear Mr. Young,

We have received your message from May 24, 2007 and reviewed the waiver FCC granted to Multispectral Solutions, Inc. (MSSI) .

We do NOT believe that the waiver FCC has installed eliminates our need for an experimental license. Please read the following reasons for our justification:

- The research we intend to conduct with MSSI's Ultra-Wideband equipment and tags is of immediate importance. It will have significant impact on safety related to heavy construction equipment operation and workforce interaction.
- The waiver FCC has issued has not the impact on our research, since MSSI Inc. has currently no commercially product available at this moment that provides the required automated tag shut-off function as stated in the FCC waiver (according to MSSI a commercial product with automatic shut-off function needs further development of up to one year).
- In our experiments we will be able to control the use of the existing 1-W tags in the construction environment by handing out and collecting the tags on a daily basis. Construction sites generally have a few gated access areas that will make this procedure an easy task.
- As stated in our request for experimental license, our experiments will require only a small number of 1-W powered tags to demonstrate the feasibility of our research approach. The small nature of our experiment is well defined and fully controllable.
- A temporary experimental license will allow us to proceed in our experiments before MSSI is able to deliver the 1-W tags that have automatic shut-off capability.

Subsequently, please keep our request for experimental license ACTIVE. We would appreciate if FCC can provide us with an experimental license as soon as possible.

Our research intends to actively prevent accidents and fatalities in the construction industry and based on the statistics for the past eleven years 3 construction workers die every day in the United States alone. Many of these accidents have heavy equipment involved. Thank you very much for your understanding and actions in this matter. I am more than happy to assist in any other issue. Thank you.

Best regards,

Jochen Teizer

Attached: FCC's email, received June 1, 2007

Request for Info - File #0090-EX-PL-2007 [Reference Number: 4996]
6/1/2007 9:40 AM

The FCC recently granted a waiver (http://hraunfoss.fcc.gov/edocs_public/attachmatch/FCC-07-95A1.pdf) to Multispectral Solutions, Inc. (MSSI) to allow use of the same RFID tags that you have requested to use in this application. We believe this eliminates your need for an experimental license. Respond to this email by requesting withdrawal of the application or submit a justification for your need for license.

Confirmation Number: EL998862
Douglas.Young@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 06/01/2007 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://gulfoss2.fcc.gov/prod/oet/cf/els/index.cfm> by clicking on the 'Reply to Correspondence' hyperlink.

All references to this correspondence must contain reference number 4996