

From: Anne Cortez

To: Behnam Ghaffari

Date: October 04, 2012

Subject: FCC File No. 0790-EX-2012

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Message:

Hi Ben,

As we noted in the exhibit to the application, this is a very short demonstration to evaluate a technology. There is, as of yet, no contract. As you know, UAS development is of great importance to the DOD, and if the demonstration is successful, then the system under development will need to use frequencies in this band. So, Raytheon has no choice about the command and control frequency band.

The four frequencies selected were on the list of frequencies that were approved at NTIA and by the MAG for pending application 0243-EX-ML-2011. That pending application would allow Raytheon's use of the frequencies in other aspects of its UAS program about 25 miles away. We thought this was an indication that there would be no interference issues.

For what it is worth, in working on 0243-EX-ML-2011, when we were also dealing with the MAG regarding these frequencies, I was asked to prior coordinate with the MAG. As you may know, the MAG does not coordinate with companies like Raytheon, it only deals with applications that are sent over from other federal agencies. I did manage to contact the MAG to discuss the process. In that call, I was able to keep the chairman of the MAG on the phone long enough to get him to tell me what sort of information he would want to see when an application actually came through official channels.

While Randy Whittington, Chairman of the MAG, said that he preferred to see a military contract, he did say that if we had no contract number, we should make a showing in the application that the technology under development was of interest to DOD in accomplishing its mission. We submitted a statement, such as the one attached here, which addressed the concerns of the MAG. As you know, there are on-going discussions about some of the frequencies that might be used under 0243-EX-ML-2011, but the question of whether the MAG thought Raytheon's UAS development was sufficient to warrant sharing of the frequencies on an experimental (or in this case very temporary) basis was resolved: it is important. The MAG is working with the FCC and NTIA to finalize the frequencies that Raytheon will be allowed to use.

Raytheon is simply seeking authorization to operate from a nearby location, for a very short time, to pursue the same objectives that the MAG has already accepted as important.

Raytheon is respectfully requesting that the FCC give this temporary authorization consideration.

Please let us know if you have other questions or if you need any additional information. Thank you very much for your help and for getting these questions to us so quickly.

best regards, Anne