

From: John Witt

To: Behnam Ghaffari

Date: August 04, 2011

Subject: FCC File No. 0314-EX-PL-2011

Message:

Mr. Ghaffari

The proposed Furuno radar is intended for operations in limited national areas, primarily upon the invitation of public safety officials. Initially identified experiments are for clients in a very sparsely populated county, Hudspeth County, in west Texas, and the rural areas outside of Tucson, Arizona.

The mobile radar is also proposed for new technology demonstrations and testing requirements of border surveillance for homeland security officials. These clients have terrain requirements unknown to Lockheed Martin currently. Exact locations where a client would require a test to a particular terrain are disclosed on a limited and time sensitive basis, due to the nature of the surveillance technology uses.

Overall, the great majority of demonstration activities are anticipated to occur within the immediate vicinity of US borders, typically within 25km, although in limited cases the unit may be deployed further from the border, depending on client organization areas of responsibility and access to support infrastructure. Limited demonstrations are expected inland, such as clients with specific infrastructure or environment requirements.

Lockheed Martin will follow FCC Experimental Authorization special conditions. Please let me know if you need more detailed information, or if I you have any further concerns about this experiment.

Thanks,

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