

From: David O'Connor

To: Doug Young

Date: June 15, 2006

Subject:

Request for Info - File #0287-EX-PL-2006

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Message:

These comments are filed in response to the Commission's staff inquiry dated June 13, 2006, which requested a more detailed description of the experiment and the nature of the re-radiating equipment. In response, Harris submits the following:

Harris/ RF Communications is a leading manufacturer of tactical radio equipment supplied to the US military. Many of Harris' tactical radios have embedded GPS receivers. The GPS receivers, when used in conjunction with our software, can be used to show position, direction and speed. They can also be used to show troop movement in a command and control environment.

The GPS re-radiation devices will be used in the Harris manufacturing facilities in Rochester, NY to perform functional performance checks of the embedded GPS receivers. Harris engineers will also use the GPS re-radiation devices in the laboratory to design new applications and make engineering improvements.

The GPS re-radiation devices are classified as experimental, with ERP not exceeding 70 picowatts. The re-radiation devices that Harris will acquire are distributed by NavTech System. The model number is HNRRKIT/ L/1. Since no FCC Type Acceptance currently exists for these devices, Harris has listed the re-radiation devices as experimental on the advice of OET staff.