Wednesday, September 5, 2001

To: Joe Dichoso
jdichoso@fcc.gov
FCC Application Processing Branch
From: Gregory Snyder, Washington Laboratories, Ltd.

Re: FCC ID PB8P4432-052
Applicant: Dassault Automatismes & Telecommunications
Correspondence Reference Number: 20463
731 Confirmation Number: EA100701

Following are the questions raised by the FCC review of the above referenced application. Each question has been answered (see italicized text) and, where appropriate, new exhibits have been uploaded.

In the Acquisition procedure, it appears that the remotest synchronize with the base. The base sends them synchronization information. The base is coordinating with multiple remotest to avoid interference. The remotest end up all synchronized with each other. This is not allowed. Please correct or the application will be denied.

*Ans: Each network ** has its own synchronization (clock, time slots, slot sequence (table) ...). The server of one network can only communicate with its clients. A server cannot communicate with another server.*

It is impossible for two networks (or systems) to be synchronized with each other : they are independent from each another. Nothing is done to avoid collisions. If, by chance, two networks disturb each other because they use the same channel in one given time slot, on the next time slot, they will be on different channels (because they don't have the same synchronization) and therefore won't disturb each other.

*** one network = one master (server) and up to 4 slaves (clients)*
In our application, the server is the base unit, the clients are the hand held terminals

1) The pseudorandom sequence is not pseudorandom. The examples show that the hop sequence hops to the next channel that is 10, 12, or 13 channels above the last channel. Section 2.1 indicates that the sequential hops must be randomly distributed in both direction and magnitude of change in the hop set. The hop set submitted has the same direction and magnitude. This is not allowed. Please correct or the application will be denied.

Ans: A new hop sequence table has been inserted in the new revision of FHSS Description.

The output power on page 6 of the new FHSS description was not corrected to 10.67 dBm.

Ans: The output power has been corrected on page 6 and a new FHSS Description has been uploaded.