

Group No: 06
Date: 3/25/02
Report No: 10
Project Title: Wireless Cargo Container Tracking System

Group Leader: Andrew Nikow
Advisor: Yu Dong Yao
Sponsor/Client: Interpool

Project on Schedule: NO (1.0 weeks behind)
Hours Spent Last Week: 48

Weekly Status:

In the past week the group has made advancements in programming the software that will provide the functionality for the wireless system. The group has also met separately with Drs. Keating and Yao and group leader Andrew Nikow is scheduled to give a lecture to the Design VI class in the coming week.

The advancements that the group has made in programming focus mainly on increasing the autonomy of the system. Currently the system is capable of sensing other CCTS enabled devices that enter its proximity and placing that other systems “name” in a dialog box on the user interface. This new advancement enables the system to automatically exchange bits of information that update the status of the cargo container. The location, contents, etc are the focus of the exchanged information.

On Thursday March 21 the group met with Dr. Keating to discuss the new 803.11a technology that could revolutionize the system design and provide much advanced functionality. The group also discussed business strategies for marketing our system and possibly entering it in a design contest.

Also on Thursday the group held a scheduled meeting with Dr. Yao. The group mainly discussed design progress and future expectations.

Finally group leader Andrew Nikow is scheduled to give a “how to succeed in senior design” lecture