

Group No: 06
Date: 10/22/01
Report No: 01
Project Title: Wireless Cargo Container Tracking System

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

Project on Schedule: YES
Hours Spent Thus Far: 24

Weekly Status:

The group has been successfully established. The members are Andrew Nikow (leader), Michael Stabile (secretary), Michal Kosinski, and Parminder Singh. The scope of the project has been determined and the group has begun collecting data regarding development kits, available technology, and statistics regarding the shipping industry.

The group has also completed the consulting presentation for E421 including project description and primary economic analysis as of 9/27/01.

Meetings have occurred with Dr. Keating, Dr. Ghosh, and Dr. Yao on 10/1, 10/5, and 10/18 to discuss a number of approaches to design. The meeting on 10/5 included Interpool Group II in order to discuss ways of working together to create a prototype using our wireless system and their XML coding. The 10/5 meeting also resulted in a tentative design including a smart card connected to a smart card reader through a USB. An option of using a laptop instead of smart card was discussed for more memory and faster processing.

The group has chosen to pursue Bluetooth as the wireless technology and is currently exploring ways of obtaining it via donation or possible purchase.

Finally a meeting is scheduled with Dr. Yao for 11/1 to further discuss design methodologies.