

EE/CPE 423
Fall 2002 / Spring 2003
WEEKLY STATUS REPORT

Group: **12** Date: **November 24, 2002** Report No.: **10**

Project Title: **Redesign of the Stevens Campus Network**

Group Leader: **Philip Tan** Advisor: **Prof. Sumit Ghosh**

Sponsor / Client: **none officially, but design is for the Stevens network**

Number of hours spent by group on project in the past week: **~ 35 hours**

Project on Schedule: **YES**

Weekly Status:

The network usage of one group member was monitored for a few days, in order to gather statistics. These statistics will be used to help set up a traffic pattern for a typical Stevens student. This way, the results can be scaled up to estimate the entire campus's traffic (or at least the dorm traffic).

A ping script was set up on a machine installed in a dorm. This script pinged various machines in most of the dorms, as well as some academic buildings and the Howe Center. The latencies of these pings will be analyzed and incorporated in the final report.

More work on the web site was done. Most likely the site will be moved to Panda and mirrored on our own site, at the request of Prof. McNair.

Work on the final report and presentation is progressing. Diagrams of our design are being worked on. More of the body of the report is being written. Financial information will be extrapolated from our E421 work.

A lot of E421 work was done. Most of the information gathered was financial in nature. Many hours were spent on worksheets for that class, as well as the SEED model. While most of the numbers will be for the "imagineered" company that the class required, some of it, mainly the equipment costs, would be critical to our senior design project.