# Automated System Testing Computer System Lab 2008-2009

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#### What is it exactly?

-Automated Testing

-Manual Testing

#### Purpose

Why is it needed?

-Time!

-Manual Testing vs. Automated

Testing



# Applications

-TightVNC
-VNCRobot
-VNC Environment

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#### How?

- -One Client System and One Sever System
- -What is a Client?
- -What is a Server?

# How? (Cont.)

-Automation using VNCRobot and TightVNC -Preparing Client to remotely test Server

#### Expected Results

-Reduced Testing Time: from hours of manual testing to minutes in automated testing -Only one system controlling many others

# Simple Tests

-Word processor

-Web browser

#### Main Test

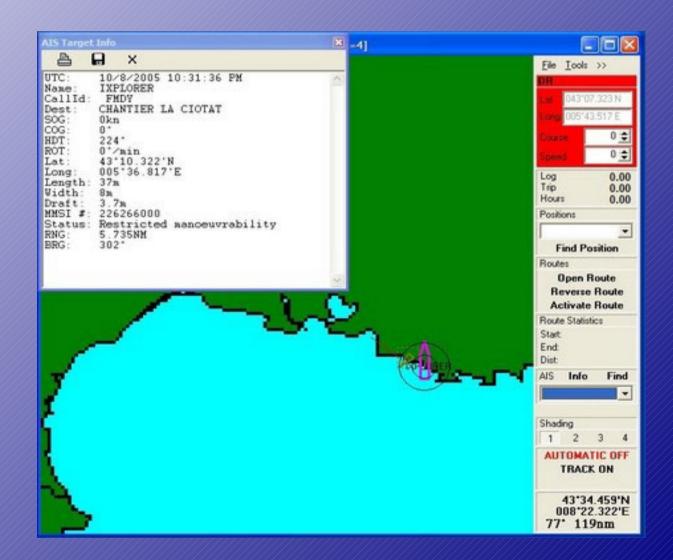
-SeaClear

-Manual Test

-Automated Test

#### Analysis

-SeaClear
-menus
-values
-etc.



# DEMO

#### Outcome

Manual Test Time Ave: 15 minutes

Automated Test Time Ave: 2.5 minutes

### Real Life Application

-Small & Large Companies -Save Time & Money

#### Extension

-Network based

-Large amount of systems