4/5/2013

Team 19 Enhanced Prototype

**Laboratory # 7: Enhanced Prototype**

**Morgan, Laura**

**Miaw, Jireh**

**Hauser, Steven**

**Dworak, Catherine**

**Bertoglio, David**

***Work Product***

**Goals, milestones, and documentation of testing of enhanced prototype including date, time, goals, participants, and results of each test.**

***Document Revision Information***

**4/5/2013 – Document created, results of first test added**

**Approval Sheet**

**All group members whose names are listed below approve of the document and contributed fairly.**

**Member Names**

**Morgan, Laura**

**Miaw, Jireh**

**Hauser, Steven**

**Dworak, Catherine**

**Bertoglio, David**

**Pledge**

**On my honor, as a student, I have neither given nor received unauthorized aid on this assignment.**

**Names**

**Morgan, Laura**

**Miaw, Jireh**

**Hauser, Steven**

**Dworak, Catherine**

**Bertoglio, David**

We pledge that we followed the required procedure for testing.

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# Goals

Our part of the project is responsible for getting the robot to function using the protocol. The goal was therefore to get the robot to recognize and properly deal with all messages related to forward and backward motion, continuous turning, and stopping.

# Milestones

Team accepts design document

Team accepts goals for end-to-end prototype

Team accepts milestone for end-to-end prototype

Team accepts schedule for end-to-end prototype

Establish connection between base station and robot

Send message from robot to base station

Receive message on robot from base station

Move robot forward

Move robot backward

Turn robot

Stop robot

# Testing

## Test #1

Date: 4/5/2013

Time:

Goals:

* Forward and backward movement
* Turning while turn button is pressed until button is let go
* Stopping

Participants:

Results: