March 1,2013

Team 19 Milestones

**Laboratory # 3: Implementation Planning**

**Morgan, Laura**

**Miaw, Jireh**

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**Bertoglio, David**

***Work Product***

**List of milestones and schedule for project.**

***Document Revision Information***

**Created 2/24/13**

**Revised 3/1/13 – new milestones added and edits made**

**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**

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# Milestones

Verify specification of base station control software using verification checklist

Critique  Onboard and Debugger Specification developing questions based on specification document

Develop milestones list

Develop COCOMO cost estimation

Develop Process Report documenting work thus far, and plans for future improvement

Create schedule for future work

Determine new risks and decide how to resolve them

Review schedule and develop gantt chart based on schedule

Develop support testing tool for use in development

Review draft of communications specification

Develop detailed and precise communications protocol specification document

Develop preliminary design for robot

Develop design documentation for the design

Verify design through inspection

Develop end-to-end prototype to demonstrate functionality

Develop test for end-to-end prototype that demonstrates functionality between on board software and base station control software

Develop List of changes and fixes for functionality that failed test

Develop documentation to describe test and its results

Develop improvements for end-to-end prototype

Develop enhanced prototype that includes fixes to any functionality that failed integration test, and add improvements to previous design

Create further integration tests using the Enhanced prototype (minimum of 2)

Develop plan for inspecting base station control software

Prepare on board debugger for inspection

Inspect the base station control software following created plan

Develop Documentation on the results of the inspections

Finalize prototype into deliverable system

Finalize prototype into deliverable system