**Project Status Report**

|  |  |
| --- | --- |
| **Project Name** | Industrial Fiber Optic Monitoring System |
| **Team Members** | Alan Cranbury, Nick Oudyk, Chris Brown |
| **Report Date** | November 30, 2012 |

**Project Overall Status: Green**

Our project is doing extremely well. We have implemented Manchester Encoding/Decoding as well as created a test plan and kept an up to date status report. On top of that we have already implemented our valid sensor display and integrated all of our progress into a combined system.

**Activities – During the Past Week**

|  |  |  |
| --- | --- | --- |
| **Activity** | **Planned Completion Date** | **% Complete** |
| Implementation and demonstration of Manchester encoding hardware | November 30, 2012 | 100 |
| Document testing plans for system reliability | November 30, 2012 | 100 |
| Status Report | November 30, 2012 | 100 |

**Activities Planned – For the Next Week**

|  |  |
| --- | --- |
| **Activity** | **Planned Completion Date** |
| Project Status Report | December 7, 2012 |
| Demonstrate working system prototype (bonus if teams can transmit to other teams receive end) | December 7, 2012 |
| Submit project verification report describing testing process/test results/project success and/or any changes made to original specifications | December 7, 2012 |
| Characterize the WDM setup and measure losses through the system to create a link budget  (May be done outside of group teams) | December 7, 2012 |

**Outstanding Issues**

|  |  |  |  |
| --- | --- | --- | --- |
| **Issue** | **Responsibility** | **Date to be Resolved** | **Proposed Resolution** |
| N/A | N/A | N/A | N/A |

**Changes to Plan**

|  |  |  |
| --- | --- | --- |
| **Change** | **Date of Change** | **Impact to Project** |
| N/A | N/A | N/A |