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(2013-02-26) 100171 - DNP and Modbus Decoder Senior Design Green Sheet Green Sheet

Updated Feb 26, 2013

Budget Status:

- ☐ Weekly Status Report - Labor
 - Office Hours Remaining
 - Site Hours Remaining
- ☐ Weekly Status Report -Expenses
- ☐ Billings/Accounts Receivable
- Comments:
 - Does not apply to this project

Schedule Status:

- ☐ Are we on schedule?
 - Project is still early days. Team is working on their portfolio and learning the two protocols.
- ☐ % Completes
 - ☐ By Discipline
 - ☐ By Subtask
- ☐ Deliverables
 - ☐ What's due (specifications, drawings, etc.)?
 - Portfolio
 - ☐ Are all team members aware of due dates?
 - ☐ What are the exact items to be included in design package (ie full vs half size drawings, etc.)?
 - ☐ Revision designation and date?

- ☐ Has intergroup or interdiscipline review of package been scheduled? Date:
 - ☐ Status of subcontract/procurement activity?
- Comments:
 - None

Changes in the Work:

- ☐ Review Work Scope Variances
- ☐ Is variance out of the original Scope of Work?
- ☐ How would variance affect budget/schedule?
- ☐ If budget/schedule are not affected, have the appropriate team members been notified of the work scope variance?
- ☐ If appropriate, assign Discipline Lead to add new task
- Comments:
 - None

Project Team Changes:

- ☐ Any changes/additions to POWER's team?
- ☐ Any changes/additions to client team?
- ☐ Any changes/additions to subcontract team?
- Comments:
 - None

Client Contract Concerns:

- ☐ What is the most recent contact with client?
 - ☐ Any feedback to be shared with the team?
- ☐ Client satisfied with billing/reporting thus far?
- ☐ Any client news that may affect schedule, deliverables, etc?
- Comments:
 - None

Breaks/Travel/Conflicts

- Andy
 - None
- Stephen
 - None

- Westin
 - None

Attendees:

- ☒ Keith Gray
- ☒ Westin Breger
- ☒ Stephen Jarnag
- ☒ Andy Holdener
- ☐ Eric Mitchell
- ☐ Doug Jones

Other Comments:

- Team has the following questions to be discussed today
 - Could you explain how RTUs detect and then notify the technician there is a troubleshooting issue?
 - Could you explain what we are specifically, if singular or multiple, are translating using the tool?
 - Could you explain how the RTUs generate the troubleshooting data that the technicians would read?
 - Could you explain where and how your technicians interact with the RTU?
 - If not described above, could you further explain the manual aspects of how the technicians formally resolved the troubleshooting issue?
- Further clarification on POWER's role
 - POWER Engineers is a consulting firm. We don't actually make a physical product. Our product is our time, knowledge, and skills. Members of my group integrate products from other vendors, sometimes many different vendors on the same project. These products talk to each other using the DNP and Modbus protocols.
 - When we are integrating these products, sometimes we run into problems. It could be a problem that we caused by misconfiguring the device. It could be a problem of mis-interpreting the documentation. And sometimes it can be a problem with the device itself. When we are troubleshooting these types of issues, it is sometimes necessary to be able to interpret the data that is being sent between devices.
 - This is where the application you have been asked to build comes in. Manually decoding the messages is possible but can be time consuming. In many situations, the faster we can decode the message, the faster we can determine the problem, and if possible, fix it.

Action Items:

- ☐ Keith to send an example points list to the group

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