

SPE DSA-TS Comms Team

Meeting Minutes – Drill-a-Stand Use Case Team

Date: 22-May-2013

Minutes

Michael Behounek volunteers to finish DSA 02

Clinton Chapman - Need to add EmergencyStop Use Case.

Could be as simple as disconnecting all inputs and notifying agents that automation.

Clinton Chapman - Add use case for driller touching set point that is being automated

1. Operator wants manual control
2. Emergency Stop – Return to safe state

Clinton Chapman - Handle failsafe state in case that Automation Agent is disconnected.

Precheck Failure?? Is this just go to failsafe?

Rig Control System (RCS) Rejecting Requested SetPoint – do we need use case?

Agent Failure Use Case (Agent does not understand what is happening and needs to have driller intervention) – Need use case for Agent releasing automation to Driller – Go to FailSafe.

Alarms?? Triggers to move to Automated Alarm Handling? – Alarms can be handled as triggers to move to automated alarm handling. Some agents may be intelligent enough to handle or determine alarm themselves; others will require control being taken away.

RCS could have automated system that can stop automation.

Alan J. - Positive Control in Railroad Industry had a lot of issues.

Next steps:

- Finish use cases
- Add technical team into next meeting
 - o Assure we know who that team is.
 - o Ask for volunteers soon to allow them time to get on schedule.
- Have 1-day workshop in Houston to address uses cases, add extra ½ day for possible rig visit to Omron or H&P yard. We will need at least 3 drilling experts

Possible hosts for meeting:

Attendees:

Alan Johnston, OGI

Marty Cavanaugh, Shell

Michael Behounek, Apache

Clinton Chapman, Schlumberger

Dmitriy Dashevskiy, BHI

Pradeep Annaiyappa, Canrig

Tim Shea, ARC

Vern Gubler, NOV/Intelliserv

Aaron Eddy, Pason

Ken Bever, MIMOSA

Energistics - (Jerry Hubbard)

SAS – Check with Moray Laing

Schlumberger - Randy Hansen

NOV - Fred Florence

BHI - John MacPherson

(e-mail asking representatives) : Technical Representative: Ken, Alan, Clinton,

June 12 next meeting