

Minutes of Meeting

EPIM Drilling Core Group Meeting

Time: 2010-11-16, 12:30-14:00

Venue: EM's offices, Stavanger

Chair: Geir Aas

Minutes: Lillian Hella

Present: Geir Aas, ExxonMobil
Asbjørn Egir, Capgemini
Angela Albrektsen, Statoil
Jostein Jåtten, Statoil
Stein Hustad, ENI
Jonas Stokka, ptil
Lillian Hella, PCA

The focus for the meeting was the development of the new version of the Daily Drilling Report (DDR) and the specification of additions.

1. Scope

The starting point for the extensions of the current DDR is suggested in the file Additional_info_req.xls, which will be called spreadsheet subsequently.

The prioritisation of concepts in the spreadsheet will be used for limiting the scope, and the starting point will be the main categories that have been given High prioritisation by 3 or more operators. When it comes to grouping/categorisation of concepts, it is more important that a group of information is complete with regards to relevant elements, than to include several, but incomplete groups with many missing relevant elements.

Initially we call the extended DDR version 1.2, but with the possibility to change it to version 2.0 if necessary (e.g. if extensive development of new elements in WITSML is necessary).

The end of the project, development and documentation of DDR 1.2 is set to June 30th, but where the operators can start their implementation after the summer. A major effort will be used for the rest of 2010.

English will be used for all documentation of the work.

2. Activities

The following main activities were proposed:

- Collect background material – the project group have received spreadsheet with prioritisations of proposed additions, some prioritisations are missing, but the main categories can be considered relatively stable
- Work on understanding concepts – the project group will use the spreadsheet and prioritisations to understand and identify the high prioritised concepts and propose definitions of undefined concepts, figure out concepts that have

already been defined and included in existing DDR, identify what we need to know more about etc. (Lillian, Pål)

- Call for meeting and arrange meeting about concepts and definitions - ongoing
- Update the semantics – when new concepts have been defined they need to be added to the PCA Reference Data Library (RDL) according to ISO 15926, update of semantic report (Lillian, Pål)
- Creation of XML Schema - data exchange formats - link between XML Schema and RDL (Asbjørn, Stein)
- Coordinate Energetics and the WITSML part – which concepts maps to elements in WITSML, which concepts need to be added, how long does updates in WITSML take, what is Energetic`s point of view with regards to units of measure? (Asbjørn, Stein)
- Testing
 - Desktop testing (Asbjørn, Stein)
 - Pilot (together with operators)

3. Persons involved

The project group consists of the following persons:

- Lillian Hella (POSC Caesar Association, PCA) – project leader
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- Pål Rylandsholm (DNV)
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- Asbjørn Egir (Capgemini)
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The primary contacts will be Lillian and Stein.

4. What's next

- The project group will propose definitions and suggestions for the listed concepts in the spreadsheet according to the prioritisations.
- The proposals will be provided in an extended version of the excel spreadsheet, which also includes proposed definitions as illustrated during the meeting.
- The project group needs feedback on such proposed definitions to verify that they have been correctly defined (or needs more work) and correspond to the concepts that are proposed to be part of the DDR 1.2. As part of this, concepts that the project group needs more information about is also included.
- The Core group will function as the DDR project group, but Geir and Jostein will be available for email contact with regards to solving of issues between Core Group meetings.
- Next meeting will be within the next two weeks. A proposed meeting slot will be sent out in advance. Lillian will contact Geir with a suggestion.

5. Clarifications with regards to spreadsheet

Units of measure needs to be consistent (possible mappings will be handled internally).
Lillian and Asbjørn will check how it has been handled before (in existing DDR and according to OD and ptil), how it is handled in WITSML and make a proposal.

Tight wells flag to be put on well to specify if the well is tight or not.

Pressurized coring – how does it differ from coring which is already represented?

HPHT is likely to be a requirement and to be included – corresponding WITSML elements have not been identified.

Action 10.01 Units of measure (Lillian, Asbjørn)

Action 10.02 Suggest time and date for next meeting (Lillian, Asbjørn)

Action 10.03 Send out invitation for next meeting (Geir)

Action 10.04 Investigate mappings to WITSML, and time required for updates of WITSML
(Asbjørn, Stein)

Action 10.05 Mobilise drilling expertise for next meeting (All)