

ISCWSA - Operator Wellbore Survey Group (OWSG) Meeting

Held at Shell Complex, Houston, TX
23 January 2013 – 13:00 – 17:00

Agenda:

- Lunch
- Welcome; Safety moment; Introduction Shell Geomatics (Bert Kampes, Roger Abel)
- Anti-trust statement; Mission Statement; LinkedIn (Neil Bergstrom)
- Positional uncertainty models (PU / IMP files) – unified set (Son Pham / Pete Clarke)
- Reprise of raw sensor model data transfer format (Pete Clarke, Mark Michell, Neil Bergstrom)
- On recommendation for use of BTotalDip as a quality control measure. (Neil Bergstrom)
- Discussion of calibration standards for magnetic MWD tools?
- Other business or discussion items
 - Next ISCWSA meeting March 8 in Paris
 - Please email Neil or Pete if you have items to present or topics to bring up at the OWSG or the ISCWSA
 - Request to increase network to other operator's survey focal points
- Close

Attendance & Contacts – see attached spreadsheet

Meeting Notes:

- Discuss of the issue of teleconferencing and online meeting – some members were concern about the legal implications of being recorded and information taken out of context and therefore to keep to physical attendance.
- Introduction of those in attendance
- Safety Moment - Emergency evacuation plan and procedure
- Roger Abel presented how Geomatics is structured within Shell and the roll it holds within the organization
 - Surveying
 - Positioning
 - Geodesy
 - Remote Sensing
 - Geo Information Management
 - Geomatic in the upstream life cycle
 - Shells participation in the OGP Geomatics Committee (www.ogp.org.uk)
 - Coordinate system for the Arctic
- Reading of the Anti-trust statement by Neil
- Neil proposed the mission statement
 - “To provide confidence that reported wellbore positions are within the stated uncertainty”
 - Members suggested that contracts can incorporate expectations for survey accuracy
 - Placing audit requirements in contracts
 - JORPs can be appended in contracts
 - Lack of calibration of MWD tools a big concern
 - Suggest to add sub points later to further clarify the mission statement

- Suggest redundancy of survey measurements to gain confidence in survey accuracy
 - Suggestion to change working of mission statement with “promote practices that provide confidence”
 - General agreement and accepted the mission statement
- Discussion of LinkedIn (Neil)
 - Need to moderate
 - Keep to technical discussion and avoid job postings and other discussions
 - Agreed to use it for OWSG discussions
- Standard Tool Error Model Set
 - Chevron and ConocoPhillips leading sponsor
 - Working with Steve Grindrod
 - Will release result to the public domain consisting of:
 - Standard Tool Error Model Set
 - Applications Guideline
 - Projected to be completed the end of March
- MWD Raw Sensor Data (Pete & Mark)
 - Initial work done by a smaller operator group.
 - Next step is to get inputs from Baker, Halliburton, Benchtree, etc.
 - Standard raw data format designed to accommodate all types of work
 - Format consist of header and approx. 119 fields for survey station entry
 - Will get inputs from Energistic
 - Roger express request to see a log of the data
 - Mark has been approved to lead the effort to revise the OGP P7 format
 - Energistic will be instrumental in WITS/ML implementation
- Announce the next ISCWSA meeting will in Paris.
 - Next ATW – collision avoidance workshop in Denver
- Jonathon express interest in presenting recent work on wellbore tortuosity and dogleg severity
- Next OWSG meeting hosted by Talisman on 3 April
- Neil discussed BtotalDip value
 - Single positive value
 - Easy to compare quality of the survey
 - Easy to remember and apply
 - Better value for non-survey professional
- Members brought up the need for Magnetic Tool Calibration Standards
 - Roger, Lisa, and Neil volunteer to lead the effort
 - Desire visibility of calibration
 - Able to audit against guideline and standards