

ISCWSA/SPE Wellbore Positioning Technical Section

Collision Avoidance Work Group

9th meeting, Teatrino Lorenese, Florence 22nd September 2010

MINUTES OF MEETING

Members present:

Steve Grindrod, Phil Harbidge, Stein Harvardstein, Simon McCulloch, Benny Poedjono, Shola Okewunmi, Anas Sikal, Jim Towle, Harry Wilson (Group leader and minutes).

Visitors present:

Gary Skinner, Ross Lowden, Maxime Moisan

Apologies:

Darren Aklestad, Bill Allen, Youssef Amghar, Andy Brooks, Angus Jamieson, Dave McRobbie, Mark Michel, Wayne Phillips,

Agenda

- Minutes of 8th meeting
- Revision of Work Group publications
- Progress Report
 - CA Management Process
- New initiative - definition of minimum mitigation
- Work Group productivity - discussion

.

Minutes of last meeting

Accepted as correct

Revision of Work Group publications

Harry reported that the 2010 versions of the Lexicon and Bibliographies have been published on the website. No actual changes to the Lexicon, but a couple of new papers added to the Bibliographies.

The Bibliographies had only just been revised; much later than our intention to publish immediately after the Spring meeting.

Shola suggested that the Lexicon be expanded to include relief well terminology. Harry said that relief wells were beyond the scope of the Work Group, but it was agreed that it was a subject that deserved the formation of a specific Work Group.

It was agreed that the Lexicon include ranging terms that apply to Collision Avoidance and also terms relating to survey station frequency.

Action: All to send candidate terms and publications to Harry in time for the 2011 revision.

Progress Report - Collision Avoidance Management Process

Recap on actions from previous meeting:

- Bill was to provide Harry with Operator group's draft of CA management process.
- Benny was to provide Harry with draft risk assessment guideline

Nothing had been received, although Shola said that he thought that Bill had finished his draft, but may need to obtain internal clearance before distributing it further.

Phil suggested that a JORPS outline would be a useful component of the draft, and volunteered to produce one.

Action: Bill to distribute draft process doc to the group before next meeting

Action: Benny to distribute draft risk guideline to the group before next meeting

Action: Phil to distribute draft JORP outline to the group before next meeting

Action: All to review distributed docs and respond with comments

Action: Harry to coordinate evaluation of responses with intention of having final draft for review at next meeting

New initiatives:

Provision of a standard set of collision scanning results

Harry reported receiving a request from Neil Bergstrom of Sperry requesting that the Group produce definitive results for a standard set of collision scanning scenarios; similar to the position uncertainty results provided in the ISCWSA error model papers, and intended to allow companies to test their implementations of the models.

Harry said that he had responded saying that the Group had not recommended a particular rule and therefore could not produce a standard set of results. He had also said that it might be possible to define one or more pairs of well profiles that would fully exercise a specified rule, but on reflection doubted that this could be done or would have much value.

The Group agreed with Harry's assessment based on his interpretation of Neil's request, and it was generally agreed that the CA Current Common Practice document had been written with a similar objective in mind, and that it pointed out all of the variables that should be considered when attempting to match SF type rules. However, Harry recognised that he may be misunderstanding Neil's proposal and had therefore asked him for clarification.

Action: Harry to report back to the Group if further clarification identified a task that the Group could address.

Definition of minimum mitigation

Harry said that he has seen instances of significant differences between what an Operator thinks is the minimum acceptable intervention required to change the status of an offset well from major HSE risk if collided with, to being only a financial risk. For instance, an Operator DE might consider a reduction in the probability of penetrating the tubular containing the higher pressure to be sufficient to exempt the well from a major HSE risk masd rule, while the contractor disagrees. He thought that it would benefit the Industry to have some agreement on what was acceptable risk mitigation.

In an attempt to get some Operator views on this subject, prior to this meeting, Harry had contacted 5 of the Operating company members of the Work Group asking if they could each arrange for a Drilling Engineer in their Aberdeen operations to meet with him to discuss the subject. He had received one firm agreement and one noted interest and 3 no replies.

This level of response lead him to question the project's value, and also to be concerned that it might be too sensitive an issue for Operators to want to discuss in such an open forum. He asked the Group if they thought it worth pursuing. Benny said that he had not experienced problems of this nature and that the proper response was very case specific, so might not lend itself to simple standardisation, but he agreed with most other members that it was worth pursuing.

Action: Harry to re-contact the Operator members and proceed with whatever participation was offered.

Work Group productivity - discussion

Harry detailed the lack of productivity over the last two years. Everyone was obviously busy with their "day jobs" and the result was we had made no progress on our current objectives. His own lateness in performing the routine admin tasks of issuing the minutes and providing the 2010 versions of the published documents where indicative of the general problem.

The Collision Avoidance Procedures task had been agreed at the 5th meeting (Sep 2008), but given that nothing tangible had been produced during the elapsed two years, Harry questioned if the Work Group should acknowledge the reality of the situation, cancel the task and consider folding the Group.

Most present felt that it was worth persisting for one more cycle of meetings. Ross Lowden of Schlumberger, present as a visitor, said that he felt strongly that guidance on Collision Avoidance Procedures would be a significant aid to the Industry, and he was keen to contribute to its completion. Ross asked to join the Work Group as a permanent member. Subsequent to the meeting, Robert Wylie passed on a request from Fernando Laroca of Petrobras to join the Group. Both Ross and Fernando have been added to the Work Group distribution.

Action: Cancel CA Procedures project if no progress is made by next meeting and, if so, consider folding the Work Group or putting the into hibernation mode.

Meeting closed.