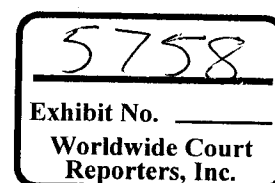


From: Ritter, Bjoern (Houston)
Sent: Thursday, September 23, 2010 1:33 PM
To: Hart, Derek (Aberdeen)
Subject: Minutes of Meeting 09-10-2010 about sinking of the DWH

Attachments: Minutes of Meeting 09-10-2010.docx

As discussed on the phone.

Regards,
Bjoern



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Minutes of Meeting 09-10-2010

Approach to understand the DWH's sinking

Attendees: Doug Kennedy, Ken Moore, Bjoern Ritter, Rick Rogers

- R&B design philosophy should be available in Central Records and give good insight in considerations taken during design
- Important to find out which regulations the design was based upon
 - o Strength, fatigue and redundancy analysis should be available
- Consensus that for a most successful approach the wreck will have to be surveyed first. Since a sonar scan will provide most detail it is preferred over video only.
- Was BP's live video feed of the burning rig recorded? (Park 10)
- Norman Howard (structural engineer of DWH) could be possible source
- Bob McKechnie was link between Smit Salvage and TOI during firefighting operations

Suggested approach

- Obtain overview of visible damage, focus on observed failure
- Create stability model
- Use timeline to identify list angles
- Stability Analysis
 - o Find explanation for list, which compartments would have to be flooded, etc
 - o Compare to observed damage
- Structural Analysis
 - o Tie in damage reported by witnesses
 - o Include structural damage from Prospect's blast analysis (once available)
 - o Include weakening of structure due to fire
 - o Identify all structural failure
- Fire fighting Analysis
 - o Combine with structural analysis to see if structural failure could have been prevented

Suggested Contractors

- Herbert Engineering for stability model to be used in HECSALV for verification and independent analysis by TOI
- DNV for third party stability analysis and structural analysis