



Safety Alert

From the International Association of Drilling Contractors

ALERT 10 – 26

CRANE LIFTING OPERATION RESULTS IN A FATALITY

WHAT HAPPENED:

The incident occurred on the starboard aft pipe deck and involved the removal of a non-magnetic drill collar from its transport basket and laying it out in the adjacent open bay. The injured party (IP) and another roustabout carried out the slinging of the collar in preparation for lifting. The injured party, who was the designated banksman (signalman), signaled the crane operator to lift the collar out of the basket. As the lift progressed, the other roustabout involved in the lifting operation realized that the boom was not properly positioned over the load and called for a stop. By this time the collar was clear of the basket and swung towards the injured party who was clear of it as it passed. The collar struck the protective beams, and on its return swing, the collar impacted the IP in the lower left abdomen area. The IP was transported onshore and received medical attention, but expired two days later.

WHAT CAUSED IT:

- Task Based Risk Assessment (JSA equivalent) was not used prior to starting the task
- Decision Point hazard recognition process was available, but not used.
- Lifting procedure was not followed – crane boom tip was not centered over the load.
- Failure to use available escape route.

CORRECTIVE ACTIONS: To address this incident, this company did the following:

- Conducted a Safety Stand-down to discuss incident and lessons learned and instructed personnel that the Task Based Risk Assessment (TBRA) process is to be used consistently. (*JSA equivalent*).
- Reinforced with personnel to always use an escape route and protect themselves first.
- Task-Based Risk Assessment (TBRA) for general lifting was upgraded (*JSA equivalent*).
- Reinforced 4-point check process for crane lifting operations. (*StepBack 5x5 equivalent*).
- Translated all TBRA's to the native language(s) of workers.
- Required a TBRA to be completed each tour (12 hours) for crane lifting operations.
- Instructed supervisors to conduct verification of task-based risk assessments via the observation safety program.
- Added a 2nd translator to each rig so that there would be 24 hour translator coverage.
- Instructed crane operators to take tension on all loads, then stop lifting before load leaves the deck and ensure it is safe to lift.
- The company's procedures and training materials were reviewed by translators to ensure proper wording and understanding.

The Corrective Actions stated in this alert are one company's attempts to address the incident, and do not necessarily reflect the position of IADC or the IADC HSE Committee.

This material is presented for information purposes only. Managers & Supervisors should evaluate this information to determine if it can be applied to their own situations and practices

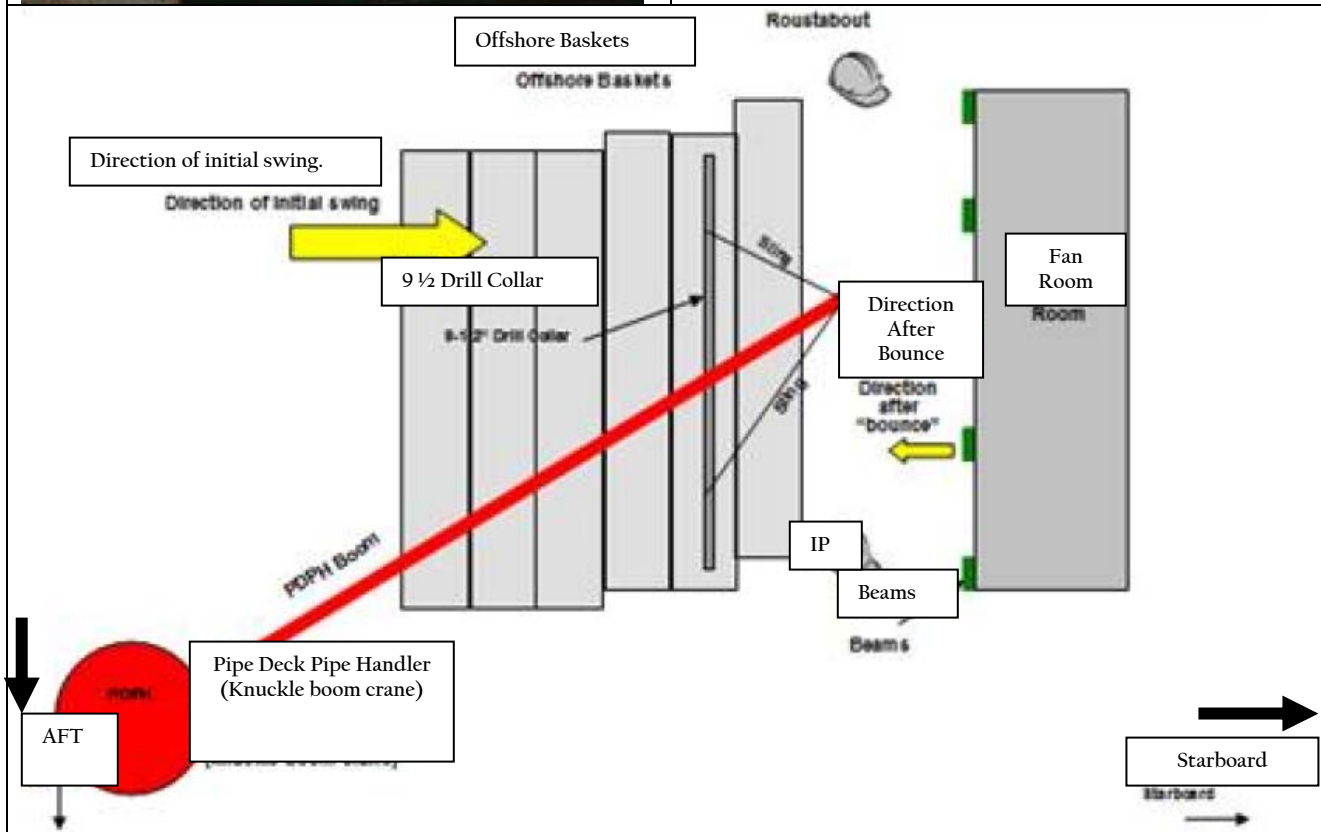
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Issued September 2010



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Issued September 2010