



Safety Alert

From the International Association of Drilling Contractors

ALERT 10 – 01

DROPPED OBJECT – GUIDE COLLAR SEGMENT SEPARATES FROM WINCH LINE AND FALLS INTO THE WATER

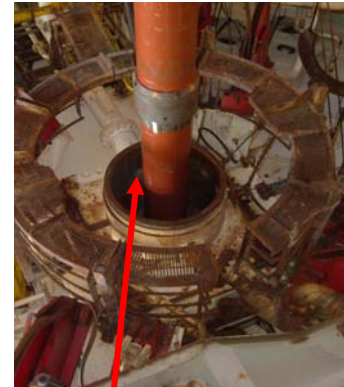
WHAT HAPPENED:

On a floating rig the guide collar for a down-hole pump assembly was separated into its 2 segments for lifting to the rig floor from the moon pool platform. The master bushings were removed and a winch line was lowered and attached to a rig made handle on the first segment. There was no lifting eye. (See photos below).

Although there was a spotter with UHF radio in the moon pool area and a spotter at the rotary table to signal the winch operator, as the guide collar segment entered the rotary table, it caught on the diverter housing. The handle broke off and the 25 kilogram guide collar fell and struck the moon pool equipment support beams then fell into the water. Since personnel had been evacuated from the drop zone, there were no injuries.



Lifting handle that the cable was attached to.



Area where the busing fell to in moon pool

WHAT CAUSED IT:

- There was no proper lifting eye (or manufactured lifting hole) on the collar guide segment.
- The handle was too weak to sustain a snag and easily broke off.
- Rig motion was also a likely contributing factor. (Since master bushings were removed, it would not be safe for anyone to attempt to center the tool as it passed through the table.

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

- Client and Third-Party Contractor changed procedures for transporting the collar guide segments to the rig floor. The segments would no longer be lifted through the rotary table.
- The OIM must approve anything lifted through the rotary table with his senior-level supervisor supervising the lift.
- Procurement policies should be revised to require that third party companies should provide equipment with built-in suitable lifting points that will not break off while being lifted even if it snags on something.

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

Copyright © 2008 International Association of Drilling Contractors All rights reserved.

Issued January 2010