



# Safety Alert

From the International Association of Drilling Contractors

ALERT 12 – 17

## SUDDEN SLEWING OF CRANE BOOM DISLODGES LOAD

### WHAT HAPPENED:

The crane operator slewed the crane right, causing the pennant to swing. He immediately attempted to correct the pennant line swing by slewing left. This action caused the pennant to double back on itself which resulted in the pennant becoming detached from the main hook. These actions resulted in a high potential serious injury incident.

### WHAT CAUSED IT:

- Spring loaded latch was easily dislodged due to the swing of the pennant.
- Change of direction of the crane resulted in the pennant doubling back on itself.
- The crane operator was new to the position and tried to correct the swinging of the pennant. His action resulted in the pennant doubling back against itself and slipping past the hook latch.

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

- Starboard and port crane hooks have been changed out for locking mechanism.
- A locking mechanism was fabricated and attached to the aft crane to prevent the pennant from becoming detached (moused).
- All crane operators have been instructed to ensure that the locking mechanism is in place prior to any lifts occurring.



Retractable Hook Used Resulting In Incident



New Locking Mechanism In Place As A Result Of Incident



Simulation of Pennant becoming detached from Hook

**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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