


**Norway:**  
**We have a problem**





**In the Norwegian oil and gas industry;  
more than  
60 %  
of all serious  
Incidents and Accidents  
are related to DOs.**



# What are we doing?

- **Inspections**
- **Best practice – experience**
- **Inspection and Observation technique training**
- **DO courses**
- **Conferences**
- **And + + +**



**Question:**

**Why do we still get thousands of;**

**Dropped**

**Objects?**

**And why do we still discover  
thousands of;**

**Potential**

**Dropped**

**Objects?**

# Examples:

## Main/Aux Derrick Level 12

Aft walkway.

Two H-beams are left unsecured on the walkway. Approximately 1.0 m further ahead there is no toe board or swing gate. In rough sea these beam can slide and fall down to lower levels with serious consequences.



## Main/Aux Derrick Level 10

Railing by the fast line guides.

Gates for accessing the fast line guide can easily be detached as they are only secured by a wire string and a plastic tie wrap.



## Main/Aux Derrick Level 8

Forward walkway.

Proper barriers/railing is missing around the area where the counter weights for the rig tong shall be installed. The brackets for the weights are only secured by rope. If the brackets are tilted they can be taken right out from the support.



# Examples:

## Mail/Aux Derrick Drillfloor

4 Cabinets on the rig floor are standing loose and not sea fastened.

If in heavy sea, the cabinets can fall over.



## Main/Aux Derrick General

Anti fall system in ladders.

Some places temporary system is installed and some places are left without. On the port side fwd pulley for breech block is tied up with a rope and a poor knot. If the knot comes loose the block will fall down.



## Main Derrick Level 12

Aft side cable tray.

A centre punch tool is left lying on the top of the cable tray. If the tool drops it will fall directly to the drillfloor.



# Examples:

## Aux Derrick Level 14

Fwd-starboard side.

The wire holding the snatch block is damage. If the wire snaps the snatch block with the wire will fall approx. 64 meters with potentially serious consequence.



## Aux Derrick Level 12/13

Main structure, short diagonal brace starboard side aft, between level 12 and 13. Bolt and steel sheet are loose.

There is gap between the structure beams.

Bolts is now hand tightened.



## Main Derrick Level 12, Dolly guide

Dolly Guide support structure, port side rail.

One the bottom side all 4 bolts are loose and the nuts have started backing out.

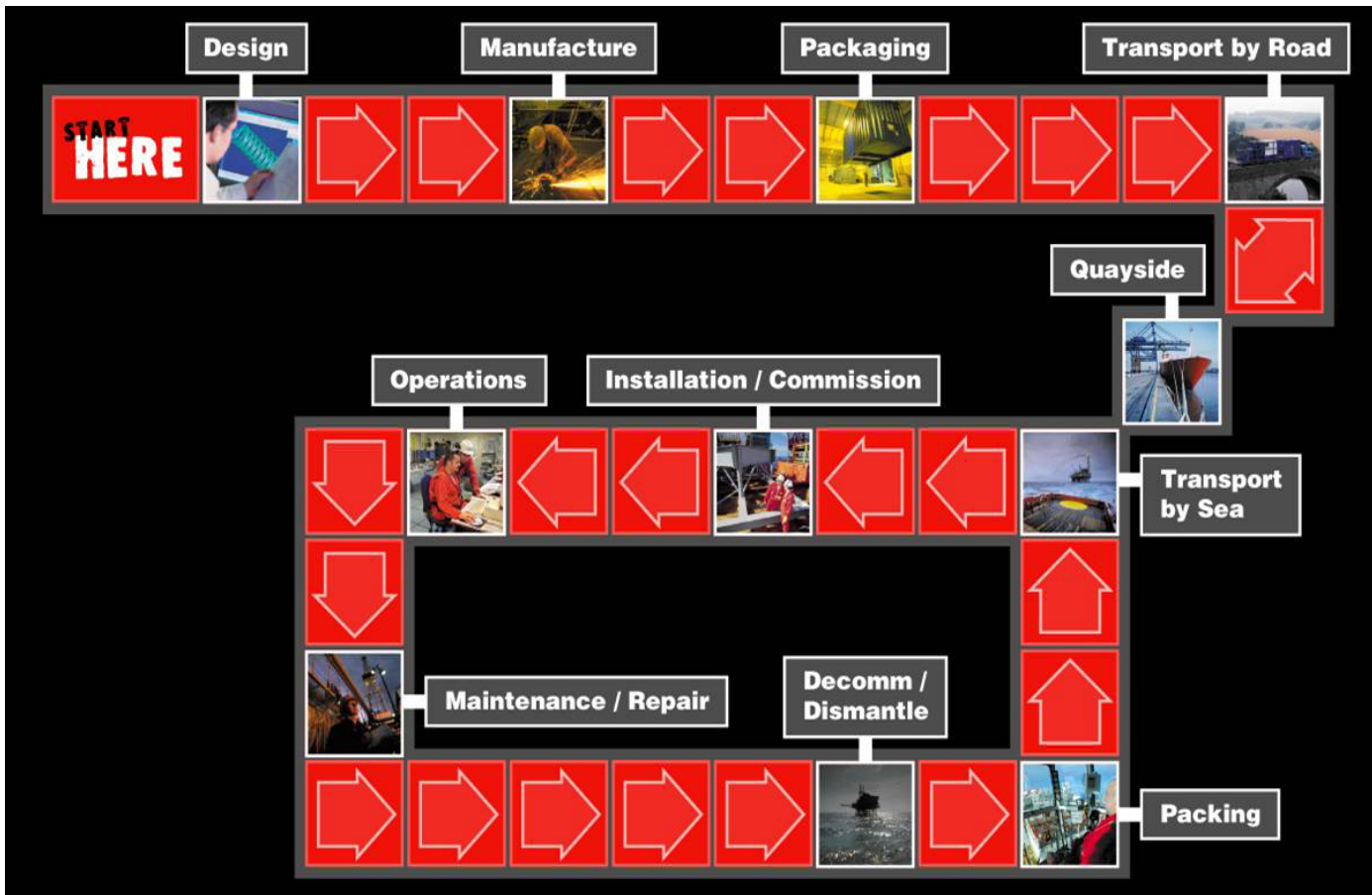
On the top side one of the bolts are missing double securing (Pal nut).







# The supply / value Chain



Design

Installation

Commission

Operation

Maintenance

Control

Repair

Transport



**Are these observations correct  
?????**

**What is your:  
Comments or Reactions  
?????**