

# Ocean Bounty Manual Handling Incident March 2005



# Manual Handling Incident

- ▶ A Manual handling incident occurred on the Ocean Bounty in March 05 resulting in a LTA
- ▶ Background: The Ocean Bounty was working under contract to Coogee Resources in the Timor Sea. Operations at the time were wire line logging with preparation to perforate



# Incident

- ▶ After checking radios were off for radio silence the IP (roustabout) took time to conduct some housekeeping
- ▶ In preparation for the next well – he decided to move two rollers that had been stored in the sack room after being painted.
- ▶ The two pipe rollers were sitting on a crate at approx. waist height. (He had estimated their weight at approx 50kgs.)





Location of rollers prior to the IP attempt to move them



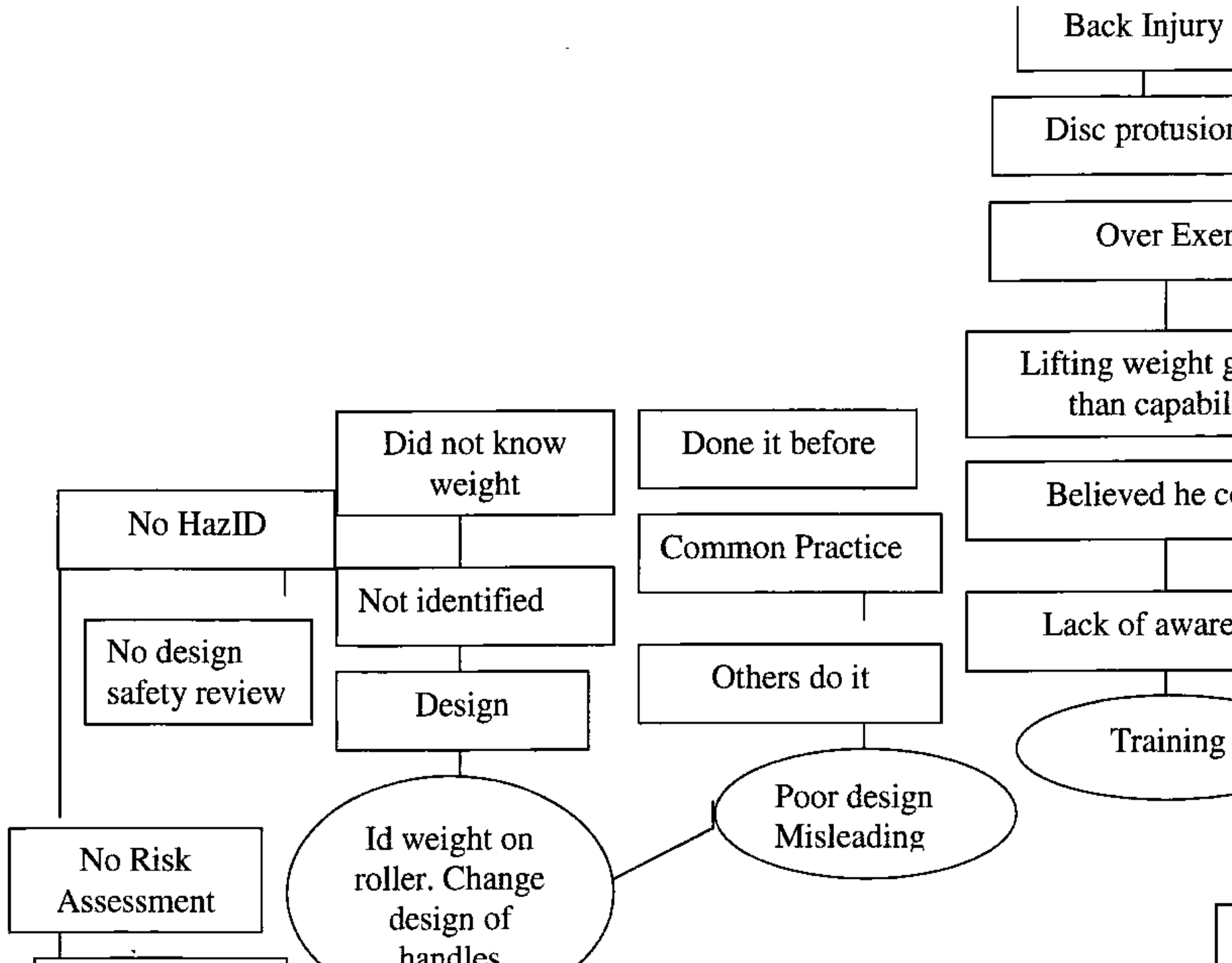
- ▶ The IP placed a pallet on the forklift tines and drove the forklift to the area of rollers.
- ▶ IP raised the forklift tines to the same level as the crate and left an approx 40cm gap.
- ▶ IP then positioned himself between the crate and the pallet to manually move the rollers in a lift rotate movement.
- ▶ He moved the first roller without difficulty.
- ▶ He was three quarters of the way through his rotational movement of the second roller when he felt a sharp pain in his lumbar back that radiated up his right side through his mid thoracic area.



# Post Incident

- ▶ A rig based incident investigation team was convened to conduct initial investigation
- ▶ This team was later expanded to include shore based management





# Why Tree

- ▶ Root cause: no HazID review on rollers when accepted into rig inventory.
- ▶ Contributory causes:
  - ▶ Manual handling training ineffective
  - ▶ Policy and procedure violation
  - ▶ Inconsistent commitment to safety culture
  - ▶ Pre employment medicals – relies on disclosure.



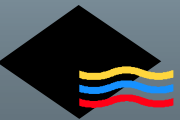


# Corrective Actions

- ▶ **Equipment design:**
- ▶ Remove handles from rollers and replace with padeyes for lifting
- ▶ Stencil weights on heavy equipment to provide visual cue for personnel.
- ▶ **Training:**
- ▶ Manual handling training – develop risk awareness tool for rig personnel



- ▶ Manual handling specialist to look at ergonomic design of equipment and positions of people on rig and provide recommendations
- ▶ Trainer to attend rig for forklift training and certification
- ▶ Procedures:
  - ▶ Review DOGC forklift policy with all crew



- ▶ Review incident and learnings throughout the fleet.
- ▶ Amend JSA for tool make up to identify controls.
- ▶ Review DOGC pre employment medicals with medical providers.





Pre incident



Post Incident

