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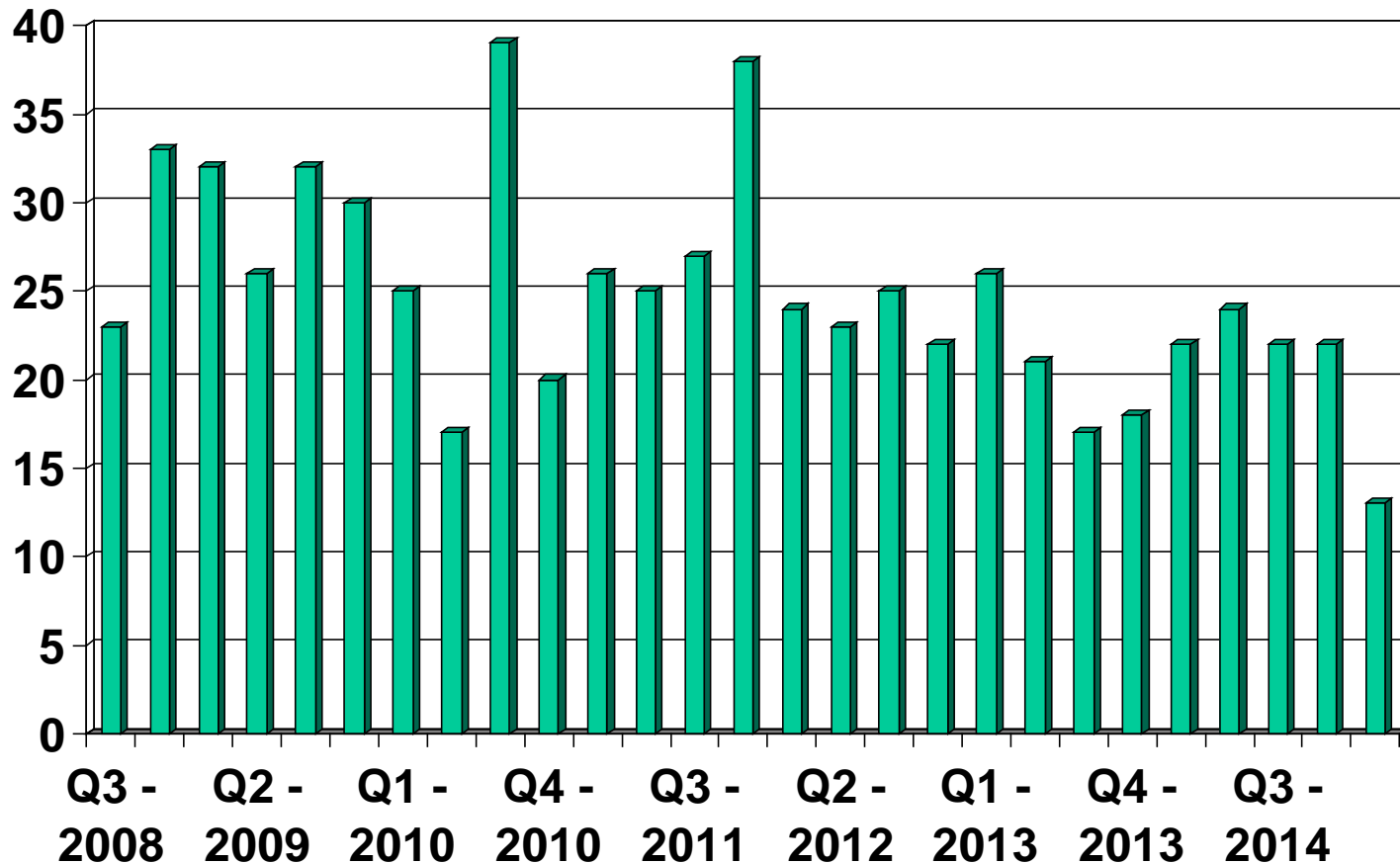
# **Dropped Objects Review of 2014 and Update February 2015**

Donald Dobson

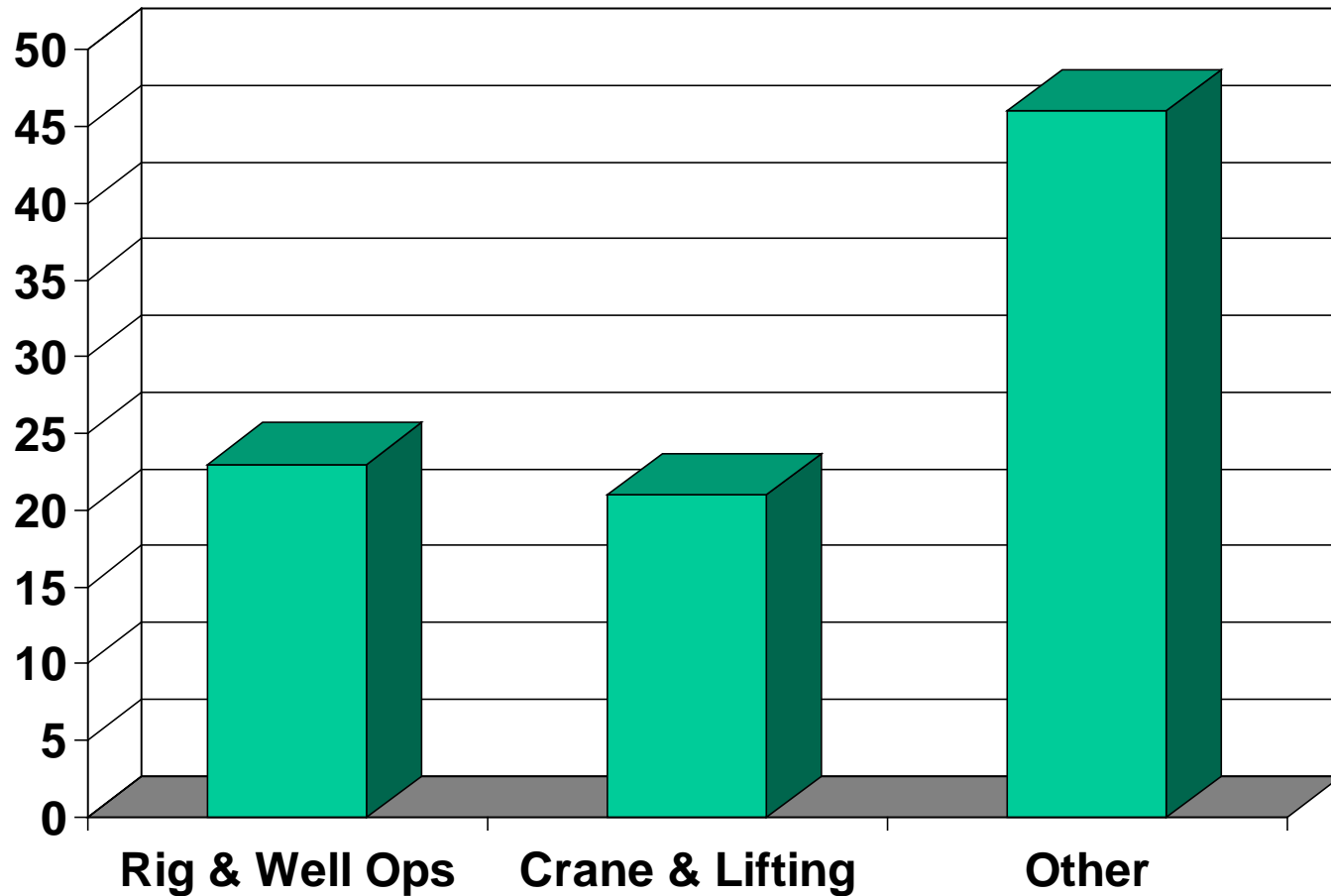
Health & Safety Executive

Offshore Division

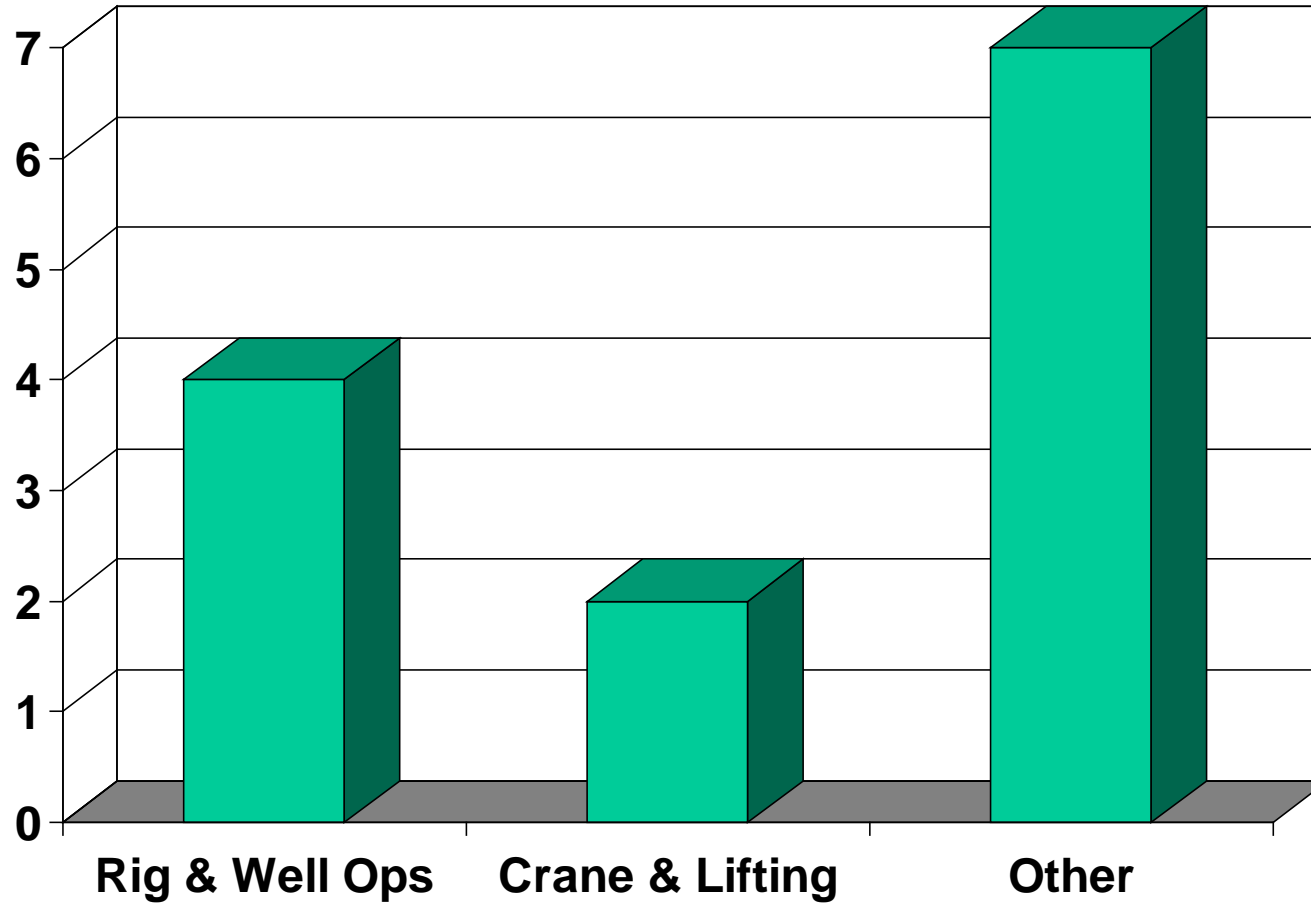
# Dropped objects – quarterly totals



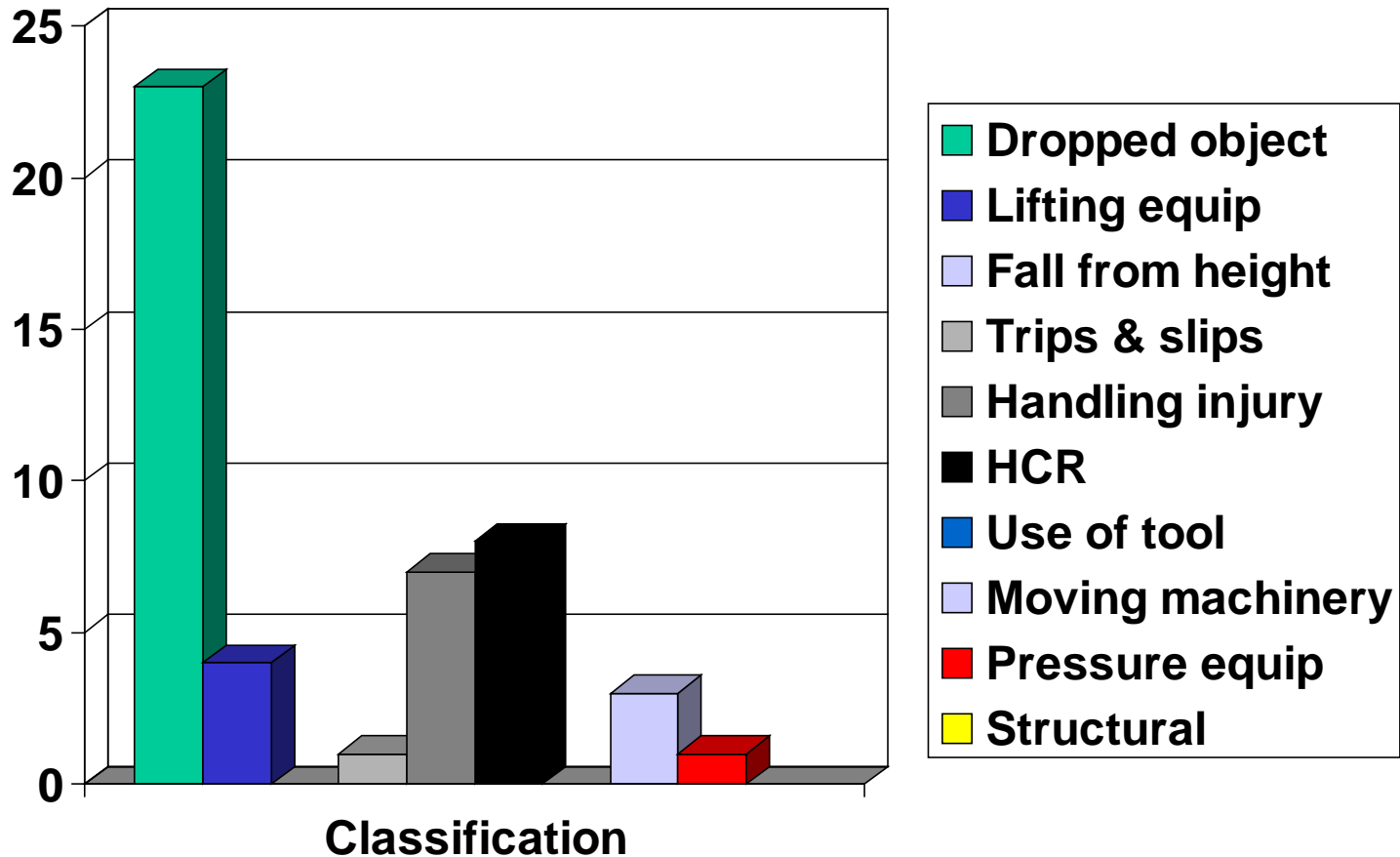
# 2014 - All Incidents



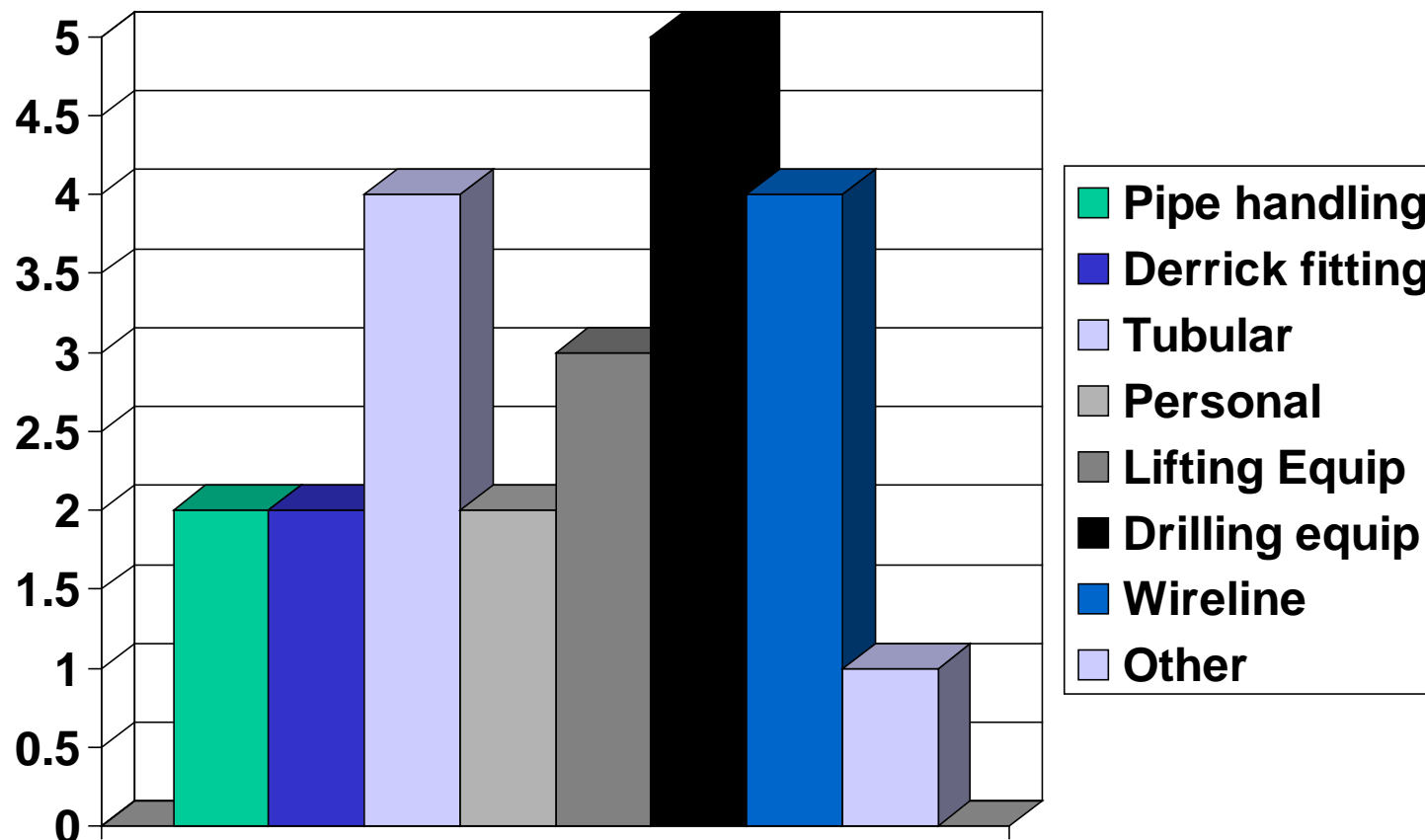
# 2015 - All Incidents



# Derrick & Well Ops Incidents 2014



# Derrick & Well Ops Dropped Objects – 2014

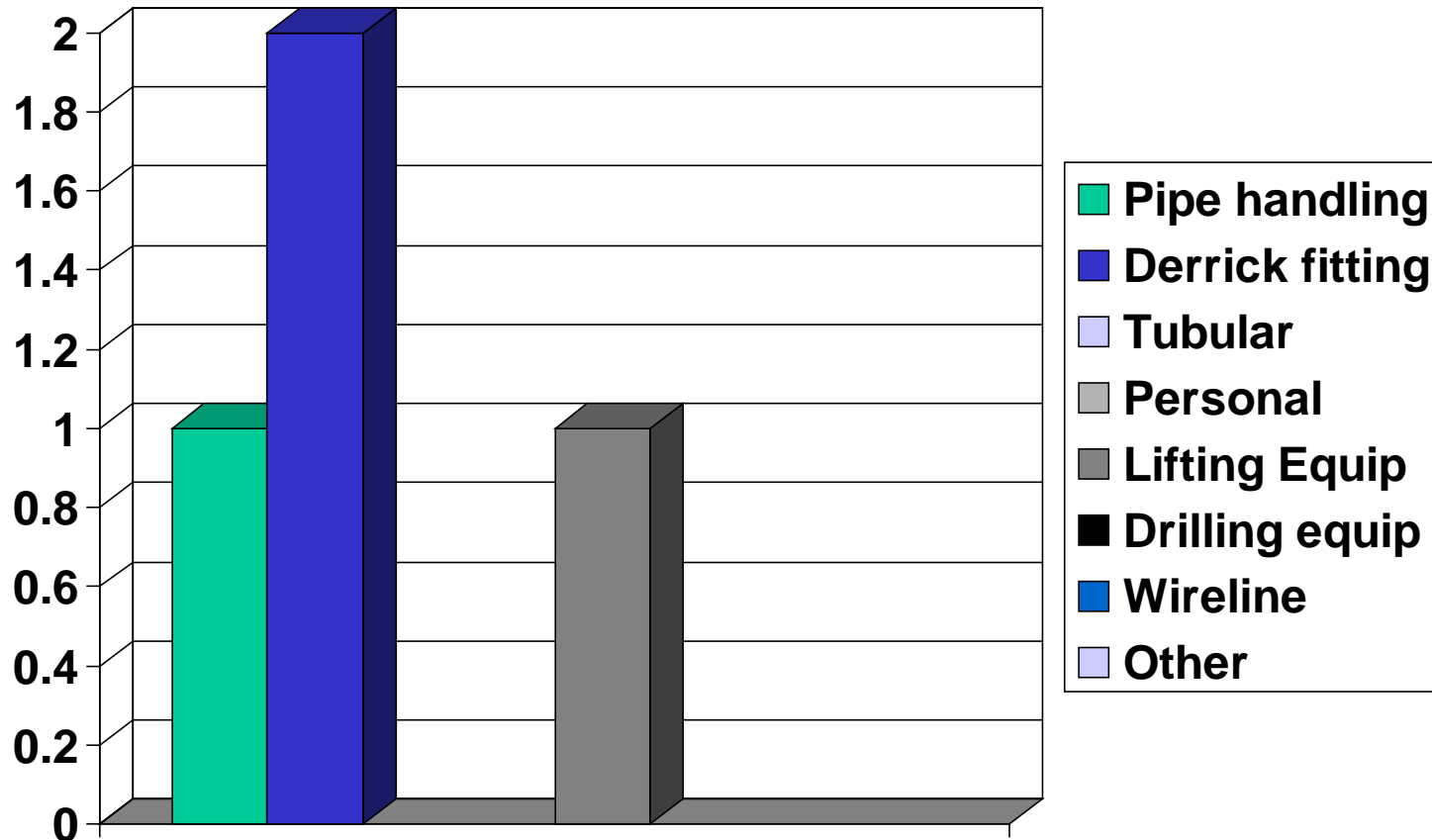


# Derrick & Well Ops Incidents

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- Running ESP cables, sheave hinge roller (4.5kg) fell 12m to rig floor
- Down-hole gauge carrier (142kg & 5.5m) detached from wire-line & toppled to deck
- During recalibration of hydrocracker (sic) and encoder plastic gear (0.5kg) fell 30m to rig floor
- Link-tilt crank to bale pin (0.45kg) backed out and fell 30m to rig floor
- Top drive struck cross-member of dolly rails; bolts failed & cross-member (40kg) fell 3m to rig floor
- Steel tube (2.9kg) fell 4.5m from rig floor during operations
- Removing cap (3.5kg) from test tree actuator, floorman dropped cap 10m to rig floor
- Picking up joint of 7" tubing with 7 5/8" elevators, it slipped out and slid back to cat-walk
- Rigging up wire-line, line parted & fell 21m to drill floor when sheave raised

# Derrick & Well Ops Dropped Objects – January & February 2015



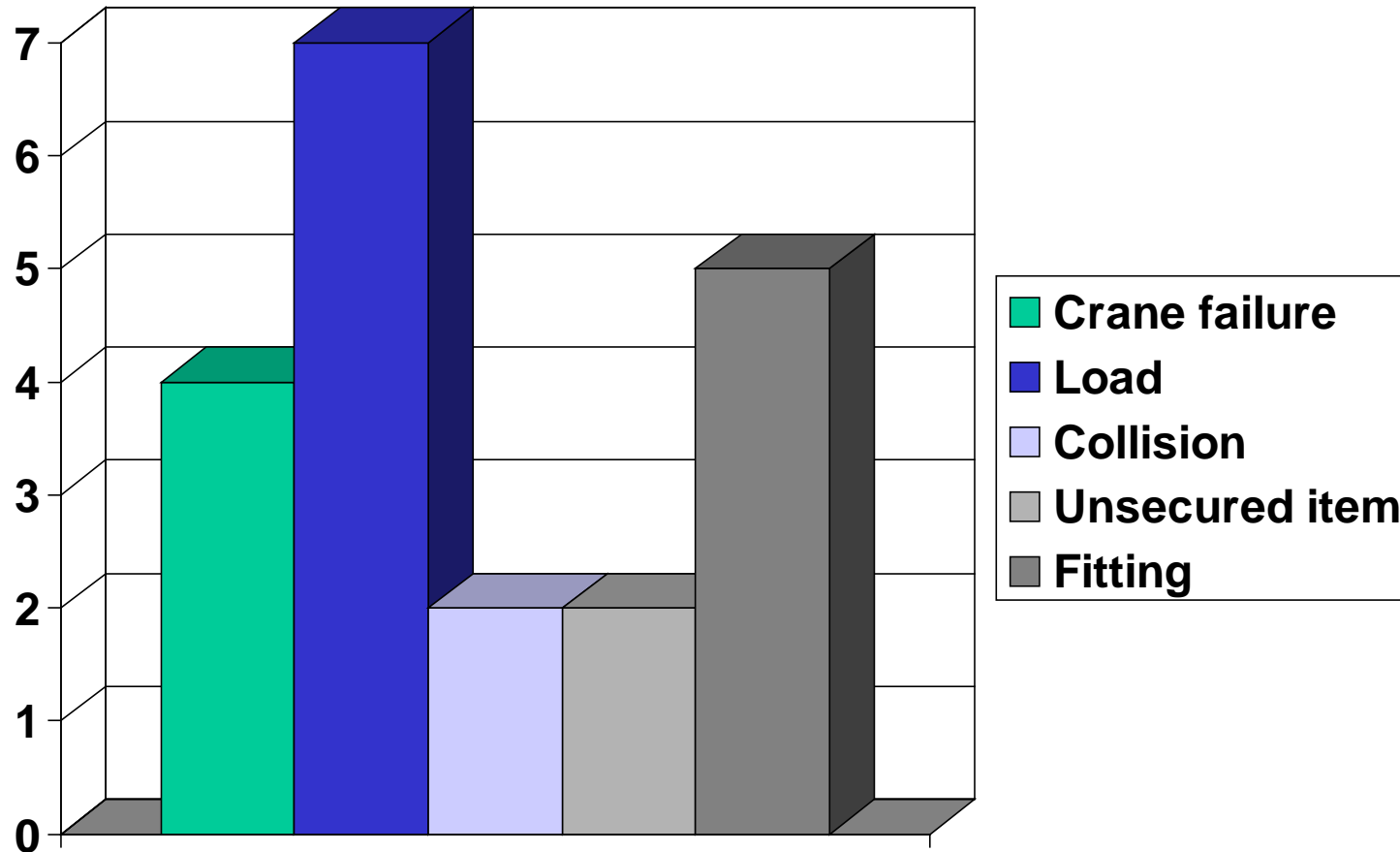


# Derrick etc. Dropped Objects 2015

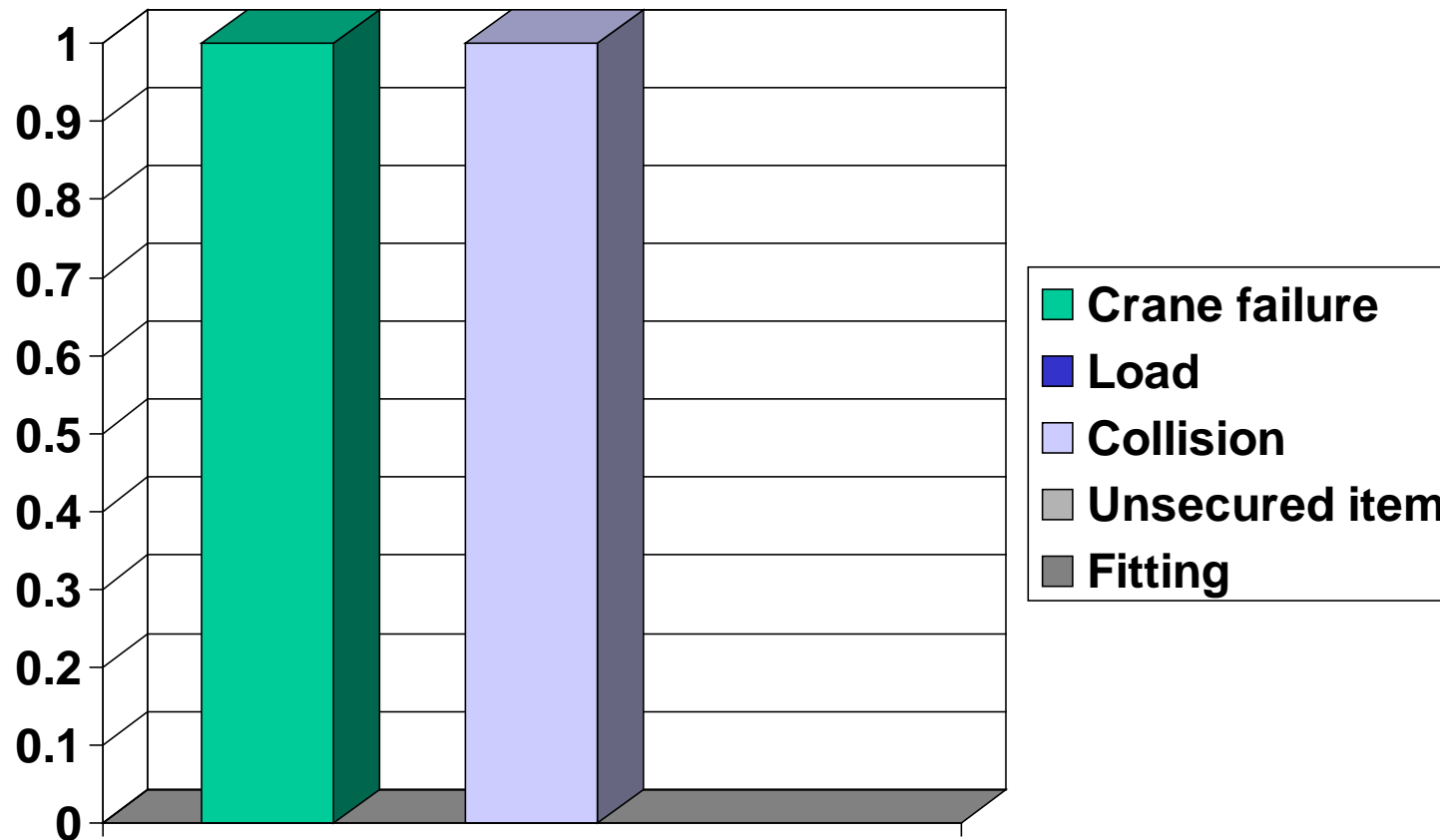
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- During high winds light fixture bracing (0.9kg) detached & fell 10m to rotary table
- During very high winds section of cable rack detached & fell to rig floor
- Descending top drive contacted tugger line (1.05kg/m); both ends fell to rig floor; sheave at 44m
- Section of drive track (28.6kg) detached from vertical pipe handler & fell 34.4m to doghouse to rig floor

# Crane & Lifting Operations – 2014



# Crane & Lifting Operations – January & February 2015



# Crane & Lifting Operations

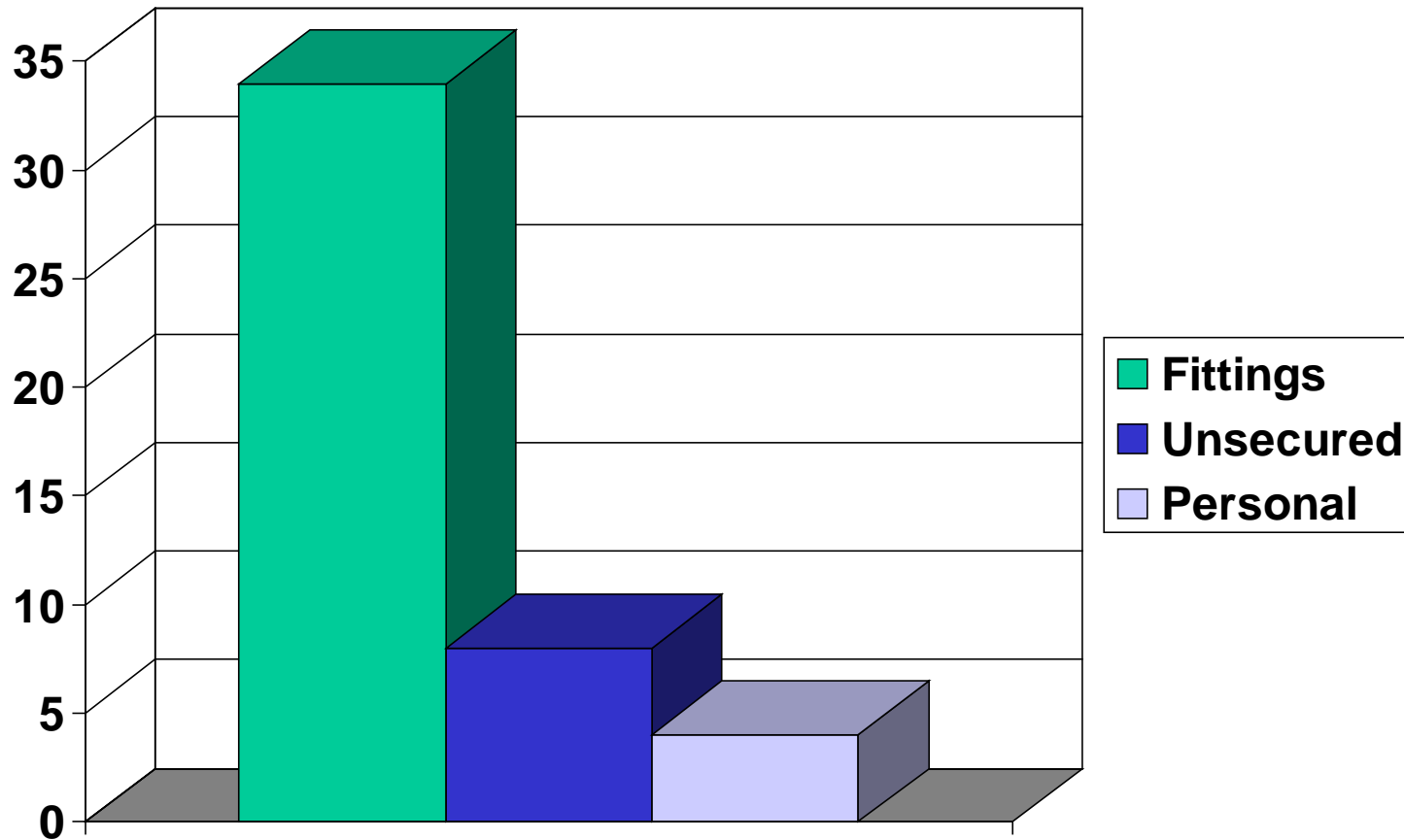
- Fabric bag containing DP protectors (140kg) detached from crane hook & fell 4.6m to deck
- Starting crane, it slewed dislodging chock (80kg) from rest; chock fell 8m onto pipework
- Installing jacket extension, tubular piece (15 Tonne) detached from lifting frame and fell to seabed. (Bolted flange failure)
- Moving diverter running tool (1100kg) to catwalk, sling broke & tool fell 2m to pipe deck
- Crane rope guide failed; pieces (1.1kg & 0.6kg) fell 6,9m to walkway
- Sheet steel cover on palfinger crane hydraulics detached in high wind & fell to pipe deck
- Lowering container (9.8 tonne), it was dropped 3.4m onto timber deck beams and well test pipe-work

- Removing 12” spool, it slipped in rigging and dropped 1.5m, striking scaffold
- Lowering block & booming out, headache ball struck sheave; whip-line parted; headache ball landed on deck of supply vessel
- Using crane to free brine hose tangled with potable water hose, strop failed and hose fell 9m striking member of deck crew
- 3m stinger found to have detached from whip line hook and assumed to have fallen into sea

## 2015

- During crane ops, crane rope struck gas detector reflector plate (0.5kg) which fell 30m to scaffolding
- Sheath protection pin (0.6kg) from crane main block sheave dislodged & fell 44m to main deck

# Other dropped objects – 2014



# Fittings

- During jarring, section of passive fire protection (6kg) detached & fell 4.2m onto scaffold structure
- Section of corroded scaffold tube (2.9kg) found on walkway; believed to have fallen 6m
- Length of corroded grating (1.2kg) fell 19m from walkway to cellar deck
- Angle iron bar (3.5kg) found on walkway at bottom of flare stack after bad weather
- Piece of cladding found at deck level between two exhaust stacks after adverse weather
- Scaffold pole (4.5kg) fell 5m to deck in adverse weather
- Redundant lighting bracket (2.2kg) detached & fell 14.5m to level 1.
- Sign (7kg) detached in adverse weather and fell 7m onto top of container
- During high wind section of cladding (13.2kg) detached & fell 7m to walkway, striking pipework on way down
- Metal blank plate (14.5kg) fell 11m from accommodation module to walkway

- Piece of sheet metal (5.4kg) dislodged from platform in high wind & fell 7m
- Section of sheet metal (45kg) detached from underside of rig stair in high wind & fell 10 to walkway

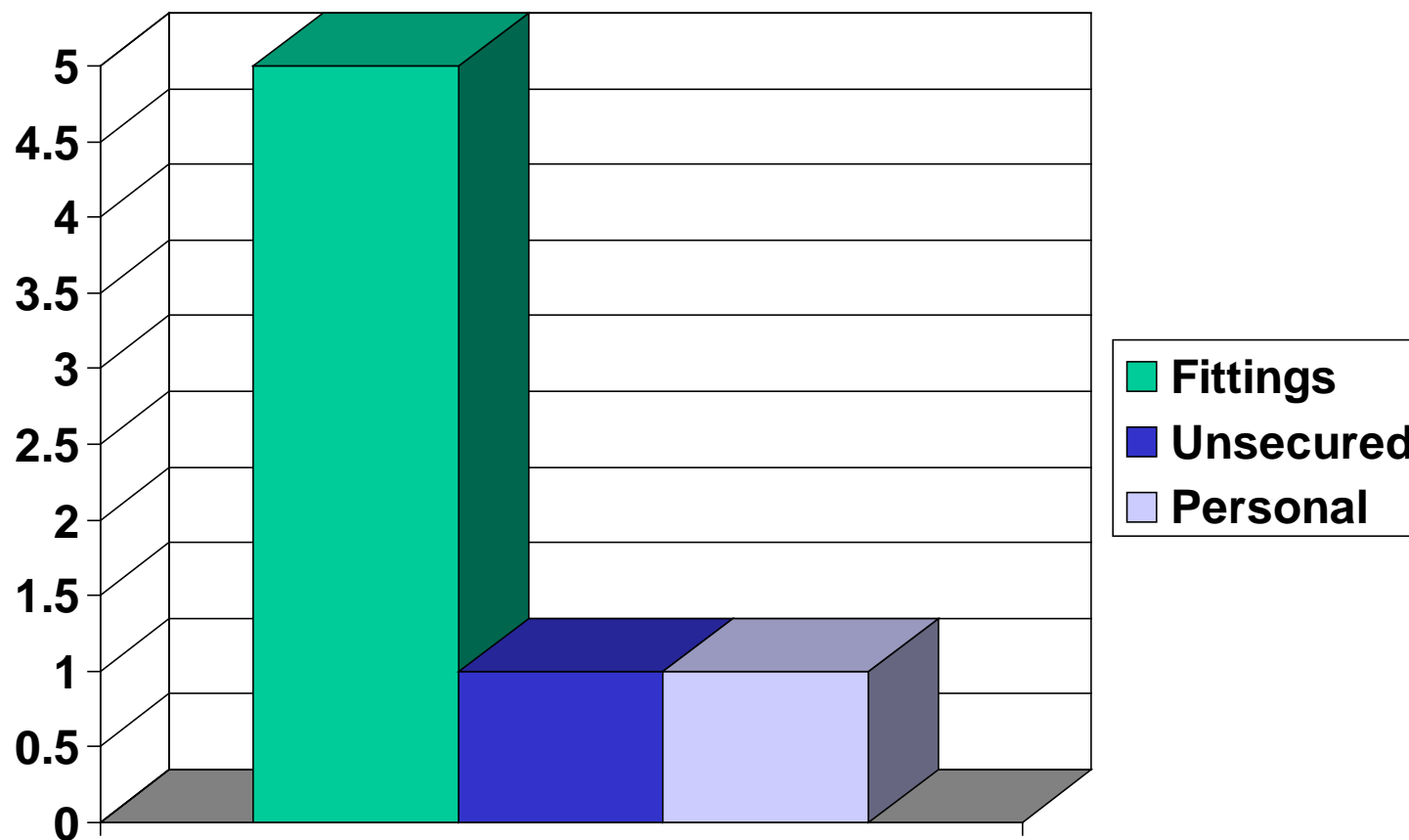


# Unsecured



- Crew member stepped onto grating; unsecured section (8.5kg) gave way & fell 3m to process deck

# Other dropped objects – January & February 2015



# Other Dropped Objects - 2015

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- During high winds section of fibre-glass pipe lagging fell from pipe rack to walkway
- During visit to NUI section of derrick cladding found to have fallen into skip. Believed due to high winds
- After high winds section of cladding from accommodation missing, believed fallen into sea.
- During high winds piece of uni-strut and perspex (8.25kg) fell 3.6m to walkway
- Removing junction box (9.1kg), it slipped out of supporting rope & fell 5m to walkway
- Pin (1kg) from shackle from gangway cone securing strap found fallen 12.4m to main deck
- Bundle of instrument tubing (4kg) dropped through grating & fell 4m striking individual on shoulder-blade