

# **Dropped Objects**

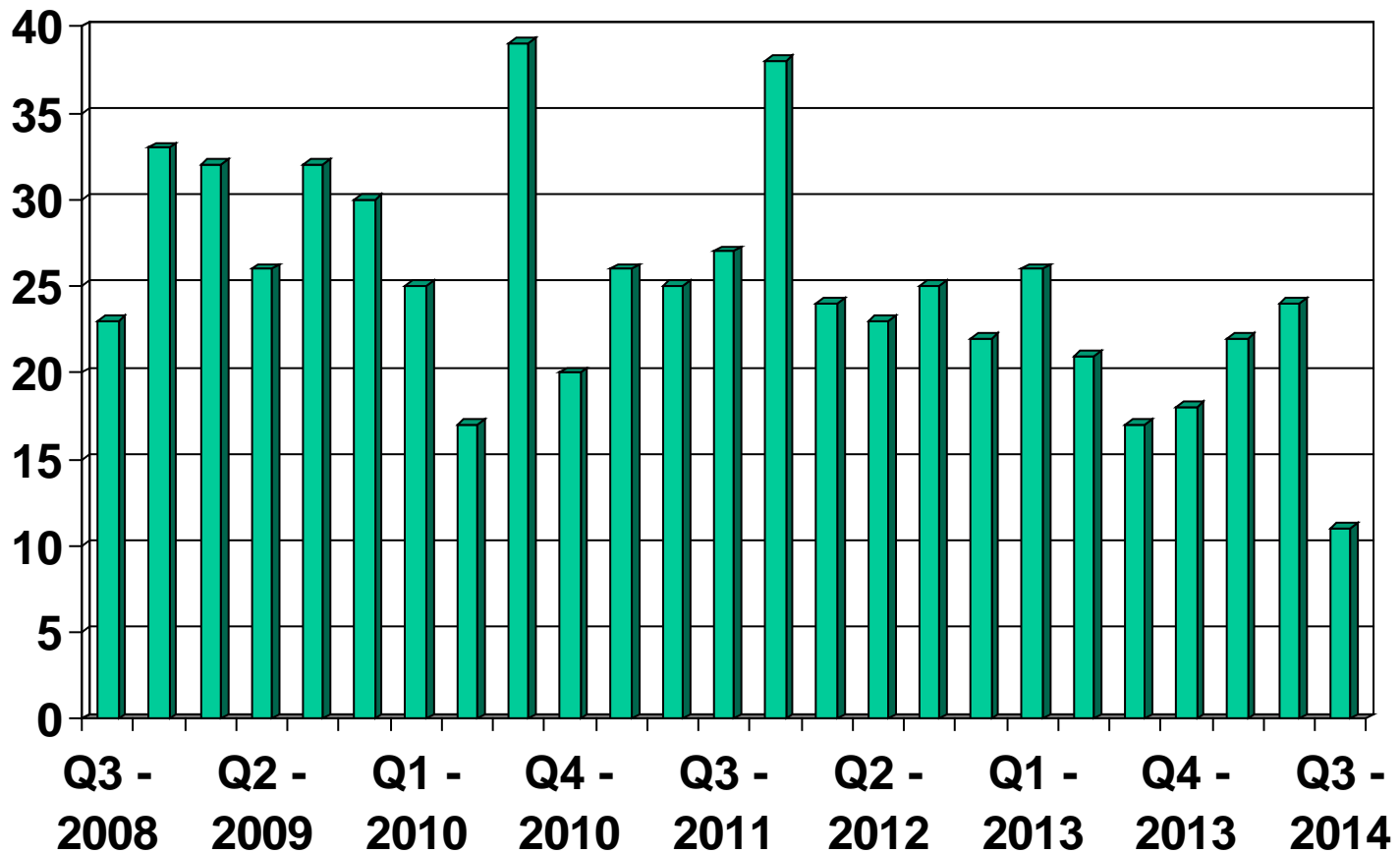
## **Update September 2014**

Donald Dobson

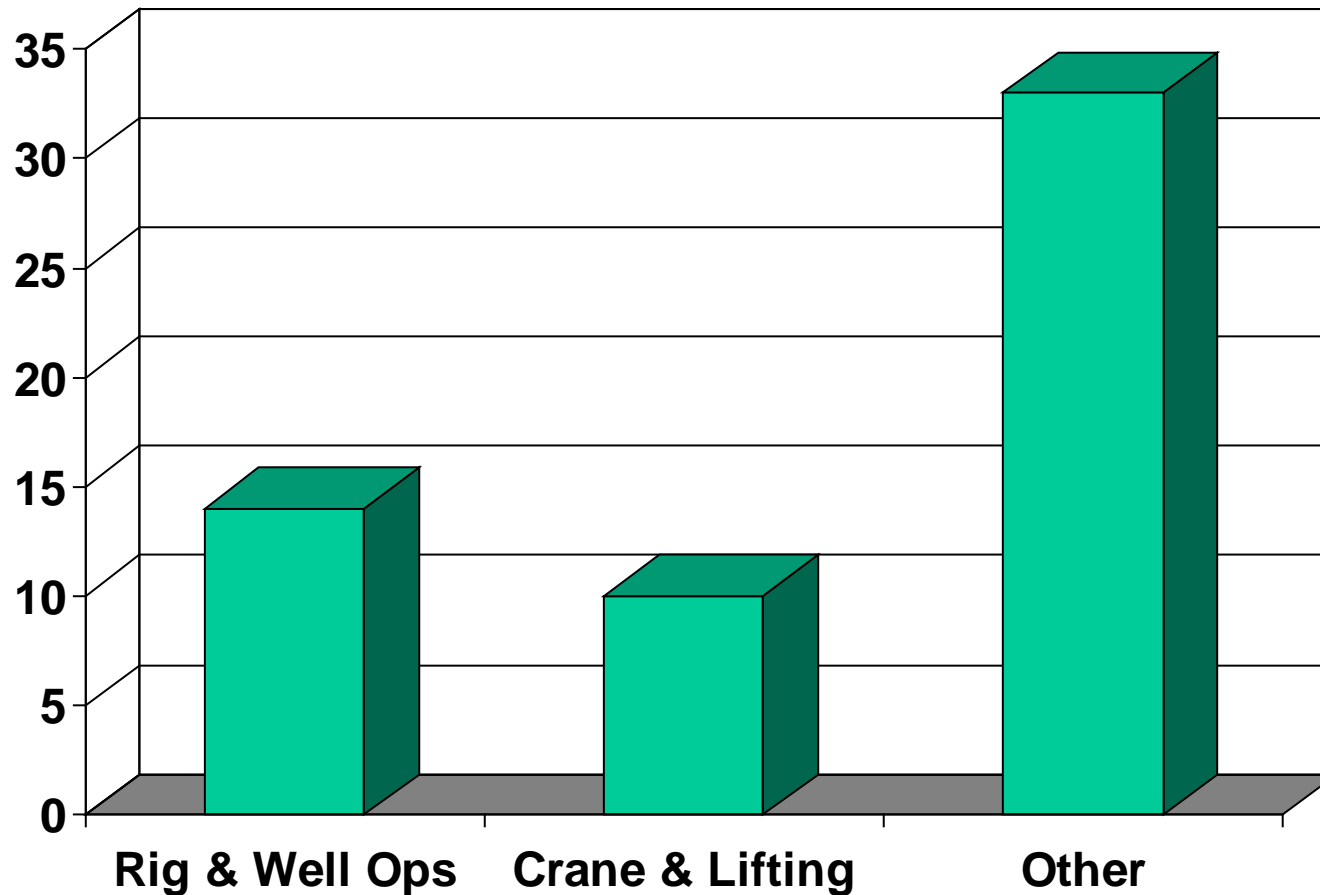
Health & Safety Executive

Offshore Division

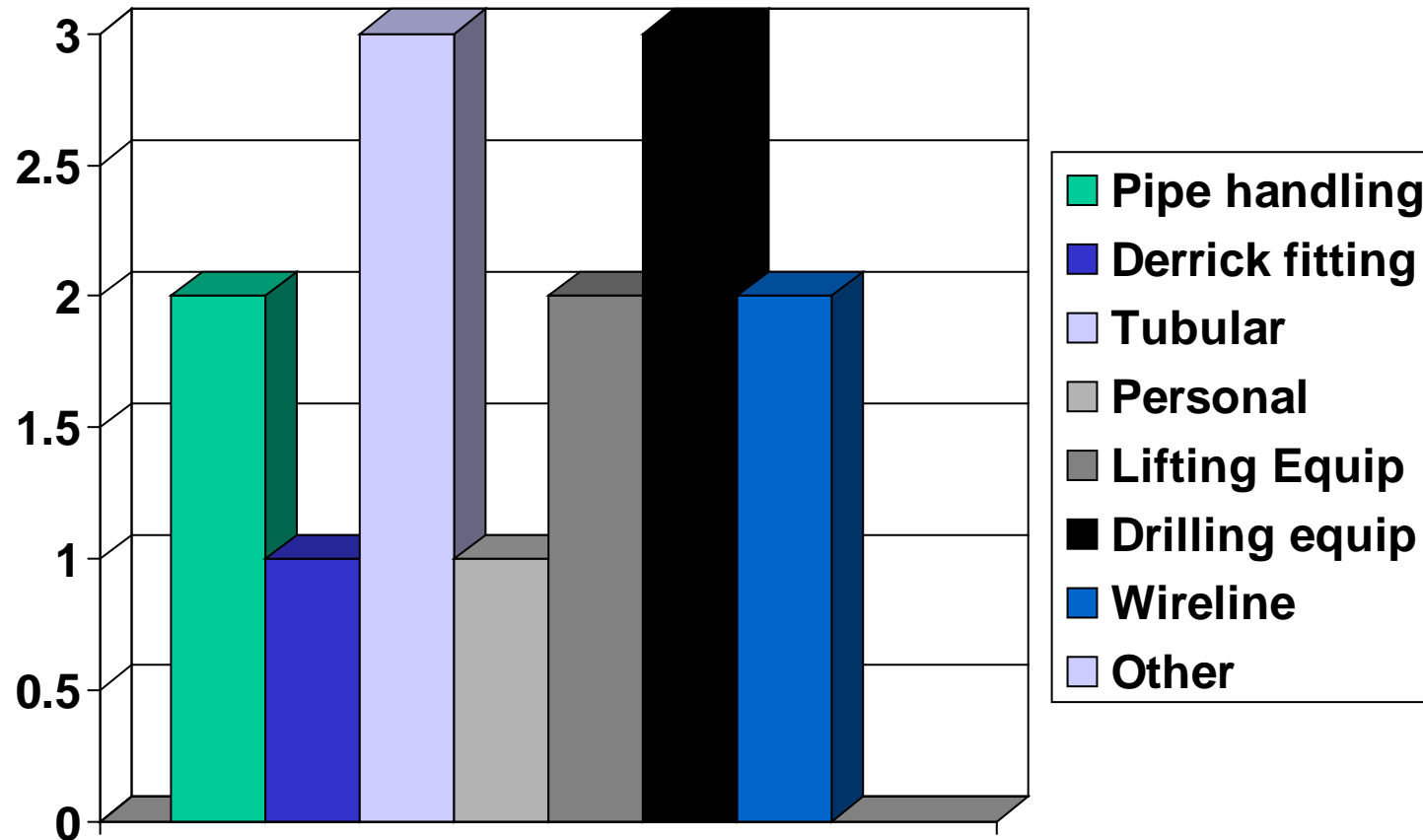
# Dropped objects – quarterly totals



# 2014 January to August - All Incidents



# Derrick & Well Ops Dropped Objects – January to August 2014

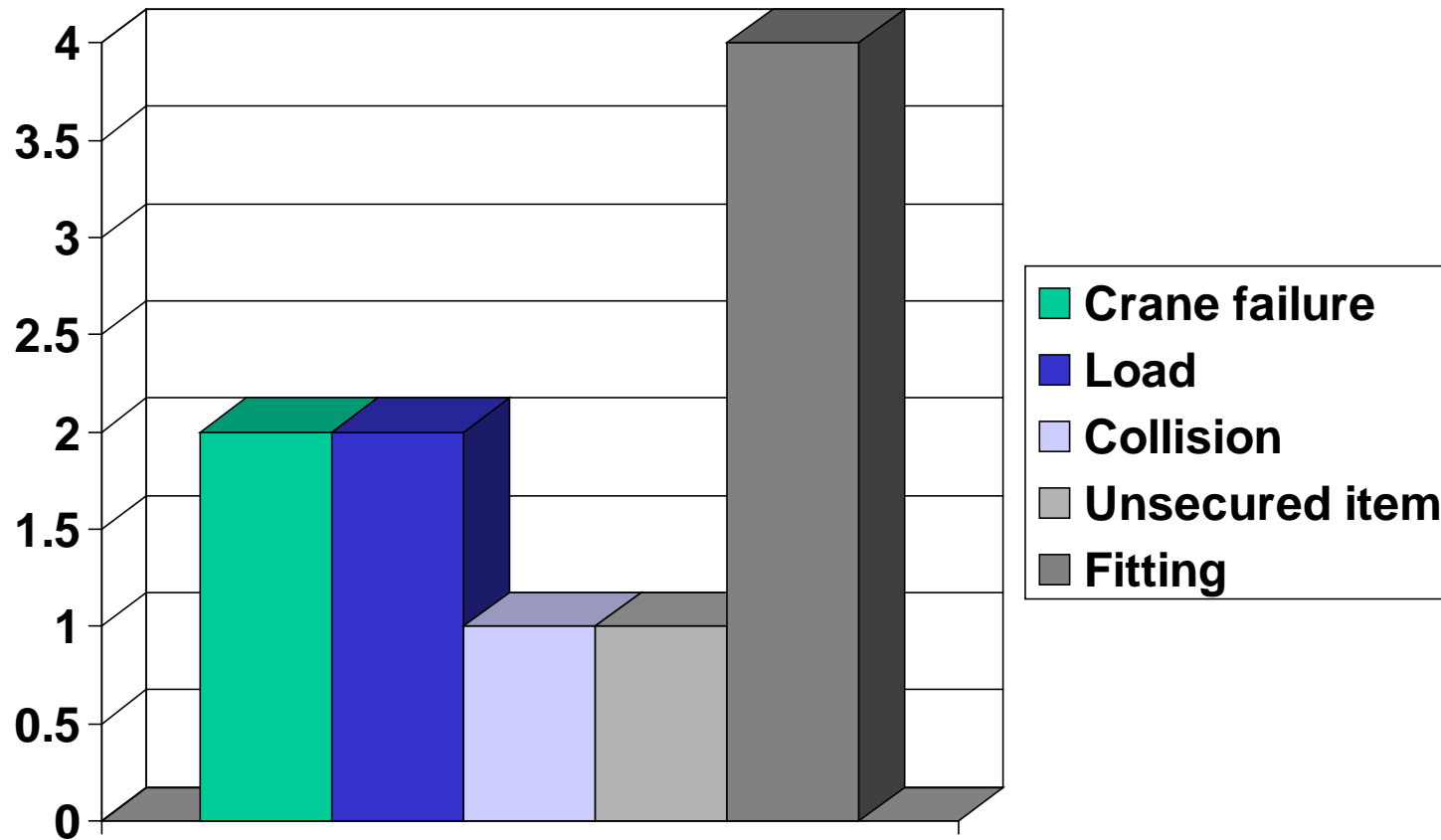


# Derrick & Well Ops Incidents

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- Stabbing joint of 5-1/2" DP (335kg), elevators opened & joint fell 1m to rotary table, tipping towards set-back area
- Breaking out riser bolts at rotary table, bolt (20.7kg) dropped, falling between cover plates 7.8m to mezzanine deck
- Joint of 5" DP (275kg) fell 1.2m from elevators to rotary table; elevators not securely closed
- Using chain hoist to install ESP motor in completion, chain parted when blocks raised; hook & chain (2.3kg) fell 9m to rig floor
- Breaking out stand from saver sub, die from top-drive grab (0.4kg) fell 30m to rig floor

# Crane & Lifting Operations – January to August 2014

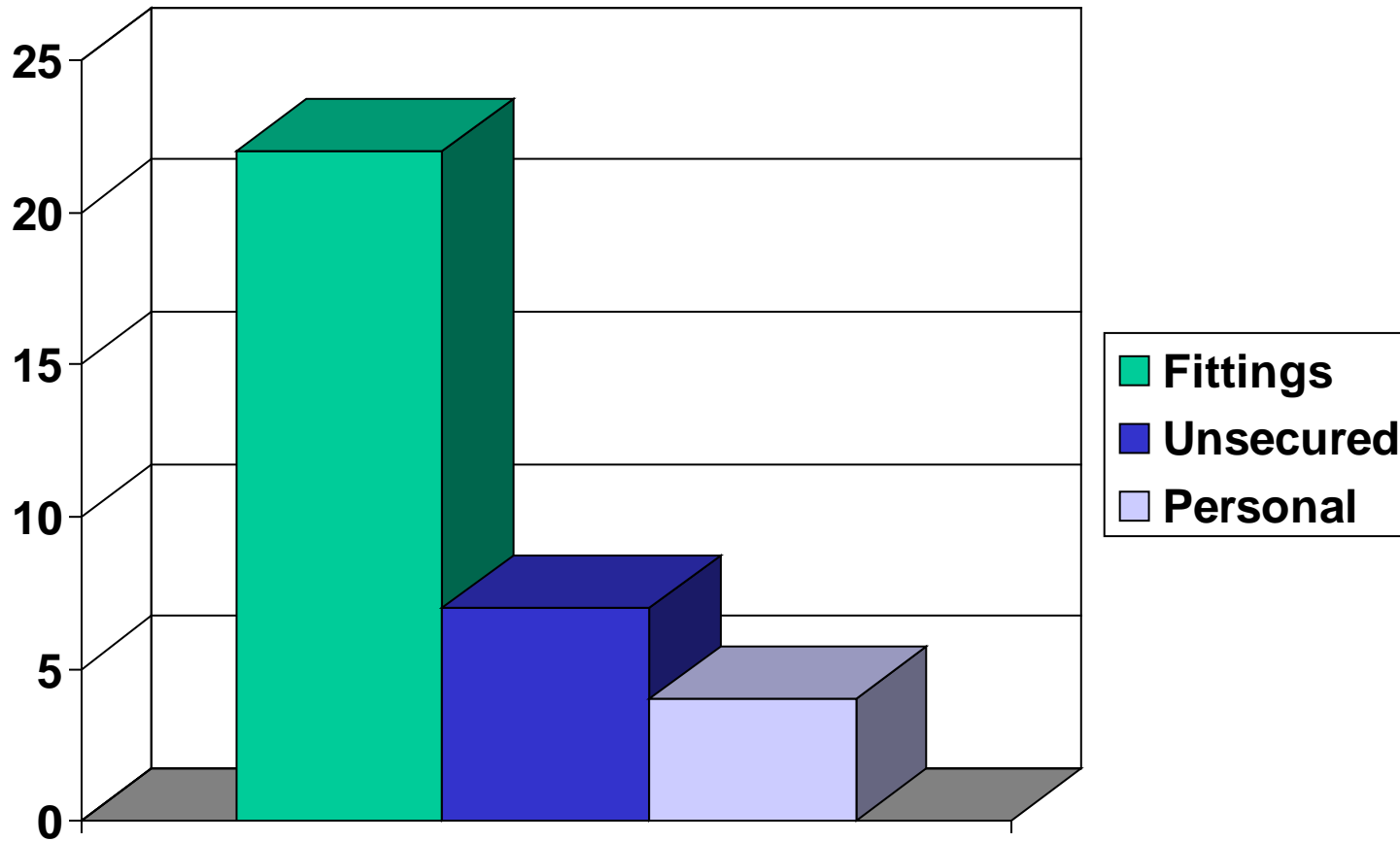


# Crane & Lifting Operations

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- Section of deluge spray pipe-work (32kg) detached from crane “A” frame ladder, falling 17m to main deck
- 2” castellated nut (0.7kg) from main rope termination fell 50m from crane boom to pipe deck
- Striker plate slid down crane hoist, struck main block & parted with piece (2.4kg) falling 20m to skid deck
- Lifting BOP skid cylinder assembly, sling parted & cylinder fell into sea
- Lifting bundle of scaffold tubes, load struck platform; 31 tubes fell 15 m to landing area

# Other dropped objects – January to August 2014





# Other Dropped Objects

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- On maintenance visit to NUI, spotlight (3kg) found missing - fallen into sea
- Steel plate (1.3kg) ejected from waste heat unit, fell 20m to helideck
- Preparing to lower bunkering hose, rubber bumper protector detached from hose station, fell 35m to Level 1.
- Section of corroded unistrut bracket (2kg) for cable tray fell 5m
- Sheet metal (8.6kg) from emergency generator ducting parted and fell 9m to walkway
- Valve (22kg) detached from 4" drain & fell 0.9m onto production pipework in cellar
- Section of steel grating (1.5kg) dislodged from gas treatment module deck to sea (8m), striking pipework

# Fittings

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- Part of corroded steel bracket (6kg) found to have fallen 6m to main deck
- Air regulator (6.4kg) from hose fell 5m from upper deck to main deck, striking IP on knee
- Chock (7.8kg) centralising conductor in well bay fell into sea
- Door handle wheel (5k) detached from hydraulic hatch & fell 9m down port column

# Unsecured

- Scaffold tube (10.7kg) dislodged during construction, falling 7m to cellar deck
- During construction of scaffolding, section of metal (10.3kg) fell 3.3m to deck below
- End of mud jumper hose separated from temporary fastening & fell 9m from cantilever to main deck
- Rubbish, including bin lid, blown overboard by helicopter down-draft
- Scaffold pole (6kg) found to have fallen from rack on skid deck (2.5m) to walkway
- Bag of nuts & bolts (10kg) fell off pallet being moved; bag fell 22.4m from mezzanine to main deck
- Box of 5kg gym plates holding open accommodation door; box split; two plates fell through grating 3m to walkway

# Personal

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- Spanner dropped through deck penetration, 15m to walkway below
- Rope access team dropped tool (0,5kg) from monkey board 25m to rig floor
- Removing cover from rig floor opening, bushing (1.6kg) dropped 18.3m to mezzanine
- Operator dropped socket set 13.5m from crane engine-room; case & sockets fell further 7.5m (wind & oily gloves)