




G9 Offshore Wind Health and Safety Association
Lifting Operations


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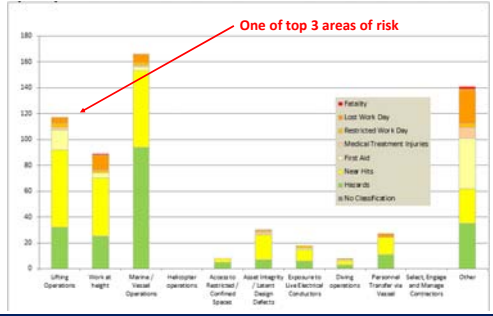




Why Lifting Operations?

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Incident data: Jan 2011 – Jul 2012 



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Lifting Operations – Jan 2011 – July 2012 – incident data breakdown	
Classification	
Fatality	0
First Aid	15
Hazards	32
Lost Work Day	5
Medical Treatment Injuries	2
Near Hits	60
Restricted Work Day	3
Total	117

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Mid Year Review: Jan 2013 – Jun 2013




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Some details from incidents


- “No lift plan, procedure or risk assessment in place for launch and recovery of air lift.”
- “Crane operator was landing a generator quay side ignored hand and radio signals from banksman and lifting beam came close to striking 2 personnel.”
- “Whilst lowering bags the end of the chain (unloaded nonused end) of the chain escaped from the chain bag and dropped to the deck of the boat.”
- “Mobile crane toppled over, when ground failed under outrigger.”

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Some details from incidents 


- “During transfer of equipment a cylinder with piston inside became detached resulting in the piston sliding out and falling to the deck from a height of approx 15 meters”
- “Whilst loading stores from transfer vessel, slinging arrangement slipped due to vessel movement.”
- “Collision of lifting blocks, during pile lift.”
- During installation of a WTG blade a technician got his head trapped between the hub and the blade. The injured person required 18 stitches in mouth laceration and sustained a hairline fracture of the Jaw.

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Clear need for improvement in this area

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Guidelines for Lifting Operations

Andrew Garvie
Equipment Integrity team Leader
Sparrows

centrica energy DDNG e-on RWE SSE Statkraft Skarhall VATTENFALL

sparrows Company Overview 


Lifting & handling service provider
Roots date back to 1970's



sparrows ENGINEERING & OPERATIONS **sparrows** MANUFACTURING **sparrows** RENTAL **sparrows** TRAINING **sparrows** FLUID POWER **sparrows** BARICON

Sparrows Engineering & Operations: Lifting engineering and offshore crane operation & maintenance services.
Sparrows Manufacturing: Offshore vessel design, manufacture & alterations support.
Sparrows Rental: Supply of fully insured offshore crane rental services.
Sparrows Training: Training for all categories of crane, rigging and load handling personnel, lifting equipment operation and maintenance technicians.
Sparrows Fluid Power: Design, manufacture, test & repair of hydraulic systems, field service & component supply.
Sparrows Baricon: Design, manufacture, sales & rental and operation of marine pipe and cable lay systems.

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Lifting Operations 

- Wide range of lifting operations used across the industry, involving many different types of lifting equipment
- The majority of accidents / incidents occur during routine lifts due to their increased frequency and the assumed familiarity with the associated risks

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Key Requirements for Safe Lifting 

All lifting operations should be:

- Properly Planned
- Appropriately Supervised
- Using appropriate and adequate equipment
- Carried out in a safe manner

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Overview of Guideline Document



Document created to provide guidance on:

- Roles, Responsibilities & Competency
- Categorisation of Lift
- Lift Planning & Risk Assessment
- Lifting Equipment
- Operational Process
- Lessons Learned

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Review / Consultation Phase



Project team looking for specific feedback on:

- Competency – Specific training / certification?
- Personnel Lifting – More specific guidance?
- Subsea Lifts?
- Terminology Used – Appropriate for industry?

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