

Loose and Dropped objects can kill

Presentation




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SAFETY ALERT 01



Potential dropped object during offloading operations from supply boat to Rig			
Business Unit:	Enigma T&P & Exploration well	Contact:	Michel Friedman / James Byrne
Country:	Block 13/15 Namibia	Location of Incident:	Masarik Drilling Premises - West Africa - DeepWater - Masarik Drilling
Date of Incident:	27 th April, 2012	Time of Incident:	04:30 AM
What Happened: <ul style="list-style-type: none"> 9 5/8 casing offloading of the supply boat. At about 04:30 a bundle of casing was hooked up to the crane. The crane operator started his lift and once the load was clear of the boat he observed a section of timber on top of the casing. He decided to continue with the lift to the rig as he considered this as the safer option. Deck crew were advised of the load condition and it was landed safely on the deck. Boat crew were informed of this potential dropped object and asked to check remaining cargo for any similar issues before operations continued. 			
			
Potential Outcome: Serious Injury / Fatality			
Likely Causes:			
Human error <ol style="list-style-type: none"> 1. Lack of not good or not enough knowledge / training about rules of loading 2. Not good enough knowledge or training about Pre Inspection of cargo 3. Inadequate housekeeping / Workplace Disorder 			
Actions Taken: <ul style="list-style-type: none"> Each supply boat and quayside organization will be posted with this safety alert and some didactic material about preparation and inspection of items to be sent from and to offshore. Visit to each Supply boat to re-enforce training, posters & documentation do a safety Meeting with crew on this 3 particular points (Loose object – dropped object - Pre trip Inspection) Reinforce frequency of TBT with workers and team players on quayside about the Matter. Check existing procedures on each supply boat at Nampot to ensure systems are in place. Reinforce closer checks on cargo at each point of the transportation. 			
person in charge of Action (supply boat and quayside) <ul style="list-style-type: none"> Paul Cockrell Base manager. Stuart Duncan Loadmaster. Michel Friedman QHSE advisor. 			

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Some examples of loose objects in Cargo handling

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WHAT Piece of wood of 2 kg forgotten on the top of a bundle of casing

WHEN April 27th, 2012 004H30 AM

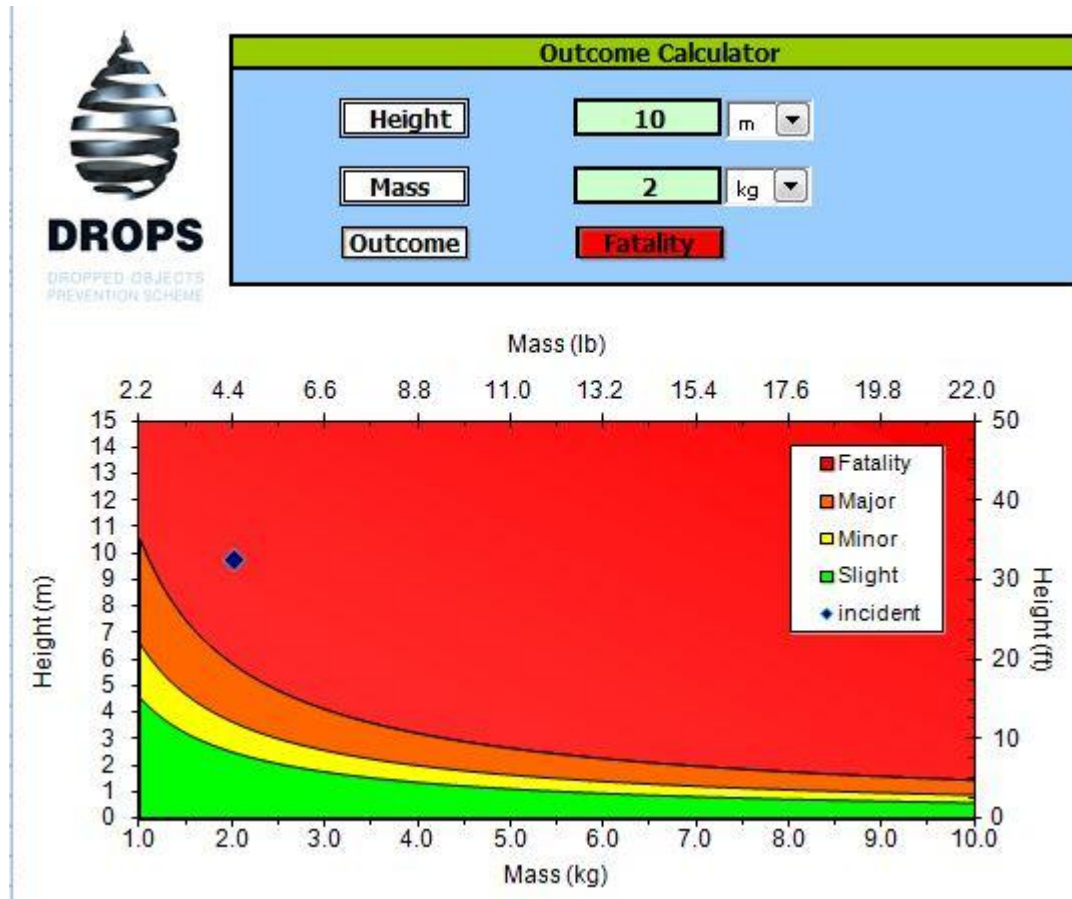
WHERE Rig Maersk Deliverer Enigma project Tapir



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Consequence

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**How avoid this type
of accident ?**

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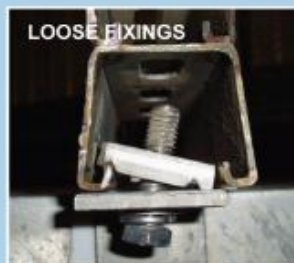
- At every stage of the handling of cargo to and offshore location, the following checks should be taken to mitigate the risk of potential dropped object
1. Check all forklift pocket (transverse and longitudinal) for loose object or debris
 2. Check all top of all lift
 3. Check all horizontal and vertical surfaces
 4. Check within and around the structure of open framed lifts
 5. Check tanks to ensure all valve caps are closed and secured
 6. Check bundles of pipe externally and internally and that protectors are properly fitted and **no loose object on the top of the bundle**
 7. Ensure thread protectors and end caps are securely fastened
 8. Ensure contents are properly secured to prevent items escaping during transit
 9. Any potential dropped object that are found must be removed prior to lifting

HAZARD HUNT DAY

All Supply boats involved in **HRT África Petróleo S.A – Namibia** from December 1st 2012

The objective of this Hazard Hunt is to inspect all our Facilities and Locations for any uncontrolled object that has a potential to fall.

The Hazard Hunt applies to all locations, on and offshore. All work-sites (including Offices) should be inspected for potential dropped objects.



LOOSE FIXINGS



UNSECURED OBJECTS AT HEIGHT



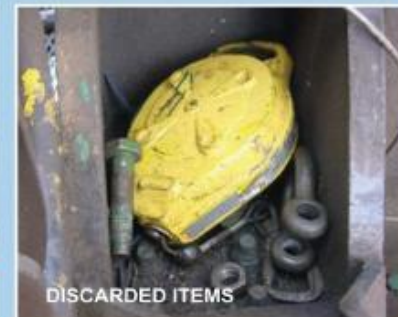
OBJECTS IN FORKLIFT POCKETS



UNSECURED TOOLS
AT HEIGHT



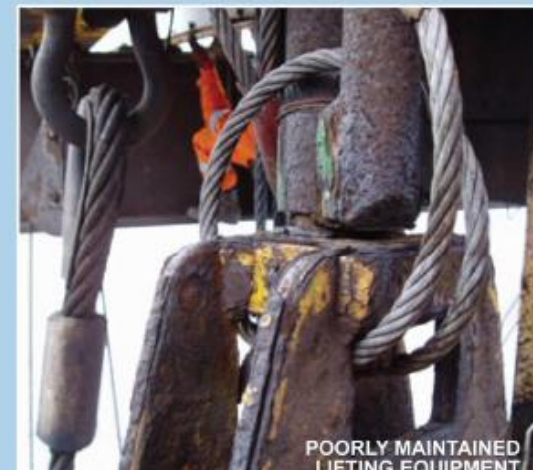
TOOLS / OBJECTS ON TOP OF CONTAINERS



DISCARDED ITEMS

WHAT TO LOOK FOR:

- Unsecured objects stored or unsecure at height
- Items left on top of containers / skid frames / grating etc
- Items stored inappropriately at height
- Items that are locally modified / homemade and not certified
- Items loaded with inadequate means to secure properly
- Uncertified lifting equipment (current code is INSERT COLOUR)



POORLY MAINTAINED
LIFTING EQUIPMENT

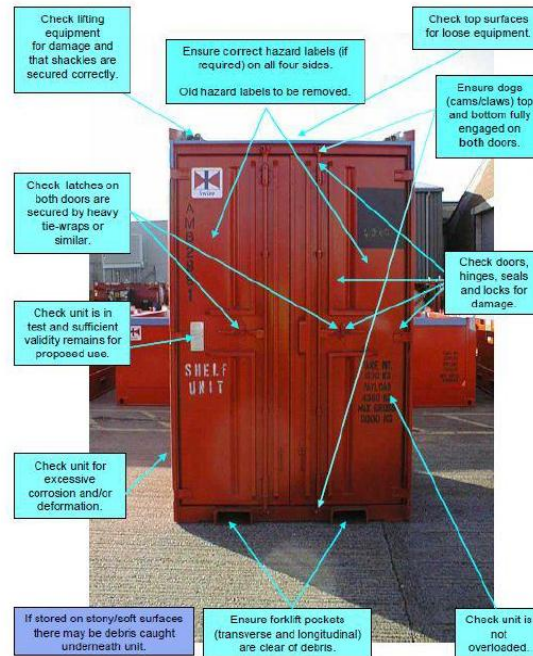
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**PRE TRIP INSPECTION
OF THE CONTAINERS
AND BASKETS**



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HRT AFRICA **senergy** **Pre trip inspection for standard Container**

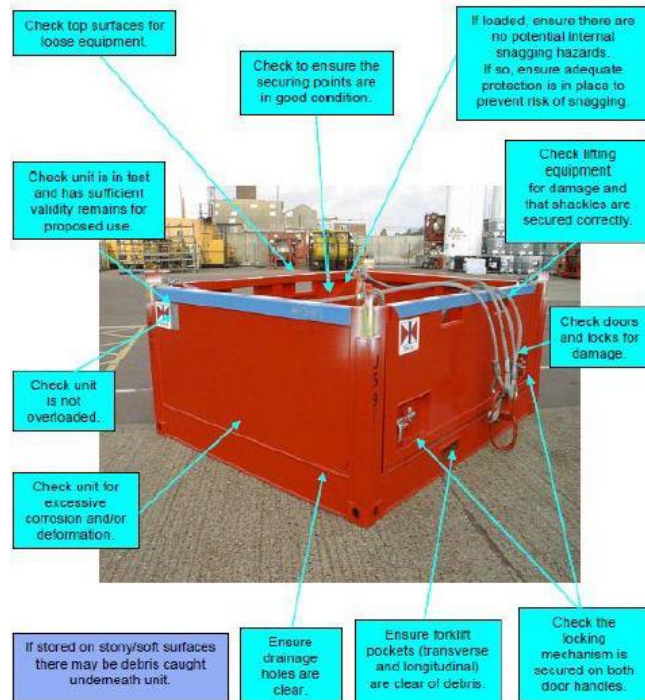


SAFETY FIRST ! JUST DO IT!

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Pre trip inspection for Basket



SAFETY FIRST! JUST DO IT!



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Pre-trip inspection check list		
	Fail	Pass
a. Check inspection plate to ensure that the inspection date is current		
b. Check safety markings to ensure they meet the standard requirement		
c. Check lifting set for obvious signs of damage		
d. Check lifting set to establish that all parts are present, correct, properly connected and secure		
e. Check container roof, forklift pockets, frames, etc for loose items		
f. Check that safety nets are in position where necessary and that tie down points are in place and are fit for purpose		
g. Check container doors are closed, secured and locking mechanism undamaged		
h. Check drainage holes are clear on open containers		

Reports always to the Base manager for segregate the Container, basket or cargo which could be dangerous

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Thanks you

