

FY '14 Rigging Accident Near Miss Summary



| <i>NCC Report #</i> | <i>Acc Date</i> | <i>Crane Type</i> | <i>CAT</i> | <i>Accident Type</i> | <i>LOH</i> | <i>Description</i> | <i>Cause</i> |
|---------------------|-----------------|-----------------------|------------|----------------------|------------|--|---------------------------------|
| 14-RANM-010 | 10/31/2013 | | | Near Miss | | During shipboard rigging of a valve, a section of lagging was damaged when the valve contacted the lagging. | Improper Rigging |
| 14-RANM-001 | 11/6/2013 | | | Near Miss | | Damaged and unapproved rigging gear was found available for use in the command's base harbor operations area. | Procedural Failure |
| 14-RANM-002 | 11/13/2013 | | | Near Miss | N | A portable beam clamp was found slightly deformed during the gear rooms pre-issue process, investigation could not determine the cause of the defect. | Improper Operation |
| 14-RANM-005 | 11/18/2013 | | | Near Miss | | A damaged (rejectable) synthetic round sling was discovered available for use during an audit. | Improper Rigging |
| 14-RANM-004 | 11/19/2013 | | | Near Miss | | During lowering of a component into an assembly, the procedural load limit for the component was exceeded. Neither the rigging gear or the crane were affected by the error. | Improper Operation |
| 14-RANM-003 | 11/26/2013 | | | Near Miss | N | During pre-lift inspection of USCG buoy rigging gear, hook assemblies for the lift rig did not have latching devices for the hook. | Improper Rigging |
| 14-RANM-019 | 12/4/2013 | | | Near Miss | N | An eyebolt with an incorrect capacity was identified in the ready to issue area of a gear room. | Inadequate Rigging Inspection |
| 14-RANM-007 | 12/6/2013 | MULTI-PURPOSE MACHINE | | Near Miss | Y | During equipment maintenance, an unapproved forklift and boom attachment was being used to lift and support equipment being repaired. Additionally, the forklift and rigging gear was left unmanned and unbarricaded with excessive tension applied to the rigging gear. | Improper Operation |
| 14-RANM-009 | 12/16/2013 | | | Near Miss | | While transferring a valve through a shipboard hatch, the upper hook of the leading chain hoist rendered out of one part of the three part nylon rope lashing causing the valve to shift unexpectedly. | Improper Rigging |
| 14-RANM-013 | 12/24/2013 | | | Near Miss | N | During pre-use checks of a pneumatic chain hoist, the retaining pin for the load chain sheared causing the load chain to free wheel through the hoist sprocket. | Inadequate Maintenance |
| 14-RANM-008 | 1/6/2014 | | | Near Miss | N | Government checks of a Ports Service BOSC rigging assembly used to handle utility boats was found to be in poor condition and not tested or labeled in accordance with P-307. | Inadequate Equipment Inspection |
| 14-RANM-012 | 1/6/2014 | | | Near Miss | | Government inspection of Base Port Operations rigging gear revealed multiple test and certification errors, subject gear has been removed from service. | Inadequate Equipment Inspection |

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| 14-RANM-030 | 1/8/2014 | | | Near Miss | | A chain hoist was found to have a defect that was not identified during maintenance and inspection. | Inadequate Maintenance |
| 14-RANM-011 | 1/23/2014 | MOBILE | 1 | Near Miss | | During rigging to remove a steam trench cover, the shouldered eyebolts could not be oriented correctly for lifting. | Improper Rigging |
| 14-RANM-020 | 1/25/2014 | MOBILE | 1 | Near Miss | | While holding a gooseneck pipe suspended from a mobile crane with a 1-ton chain hoist, a camel became dislodged from its mooring and contacted the gooseneck. The crane was an anchor point for a portable hoist. | Poor Risk Mitigation |
| 14-RANM-014 | 1/30/2014 | | | Near Miss | | During activity inspection of the RBOS rigging gear load test certification documents, it did not indicate that the rigging assemblies had been tested IAW P-307 requirements. | Inadequate Equipment Inspection |
| 14-RANM-015 | 2/4/2014 | | | Near Miss | | Four chain hoists were load tested with a weight that was less than the labeled capacity. The chain hoist were issued and used prior to the deficiency being recognized. | Inadequate Equipment Inspection |
| 14-RANM-016 | 2/5/2014 | | | Near Miss | | An uncertified lifting fixture was staged for use to lift an antenna shipboard. | Inadequate Equipment Inspection |
| 14-RANM-029 | 2/11/2014 | | | Near Miss | | Synthetic round slings, which did not have the appropriate proof test data, were available for issue in the activity's gear room. | Personnel Error: Other |
| 14-RANM-018 | 2/20/2014 | A-FRAME | | Near Miss | | Two floor cranes were certified to the incorrect capacity, and would have been overloaded if used to lift the intended load. | Inadequate Crane Inspection |
| 14-RANM-021 | 3/11/2014 | | | Near Miss | | During rigging work to remove a shipboard exhaust fan, wires on the back of the fan were drawn tight, became loose but did not disconnect from their attachment point. | Inadequate Chaffing |
| 14-RANM-022 | 3/24/2014 | BRIDGE | 2 | Near Miss | Y | During removal of a shipboard drain pump motor using chain hoists, one of the chain hoists began to tension unevenly. Investigation revealed that the drain pump motor was still connected to the drain pump. | Inadequate Inspection of Load |
| 14-RANM-025 | 3/26/2014 | HOIST | 3 | Near Miss | N | Unexpected wear was found on an in-service beam clamp which was being used to suspend a chain hoist. | Equipment Failure |
| 14-RANM-028 | 3/28/2014 | BRIDGE | 3 | Near Miss | N | The procedural weight limit was exceeded as a result of the LID reader being out of position while lowering the load with a chainfall. | Personnel Error: Rigger |
| 14-RANM-035 | 3/28/2014 | | | Near Miss | | During lowering of a load through a binding area the load was lowered below the allowable procedure weight. | Improper Operation |
| 14-RANM-023 | 4/4/2014 | MOBILE | 1 | Near Miss | Y | During a mobile crane lift of a container, the rigger signaling the crane stepped out of the operators view. | Personnel Error: Rigger |
| 14-RANM-026 | 4/4/2014 | HOIST | 3 | Near Miss | N | During maintenance checks, a chain hoist used in a jack stand assembly was found suspended without the appropriate shackle. | Improper Assembly of Component |

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| 14-RANM-024 | 4/7/2014 | MOBILE | 1 | Near Miss | Y | During installation of a brow, the Pilot exited off the brow prior to the brow being disconnected from the crane. | Personnel Error: Other |
| 14-RANM-037 | 4/14/2014 | BRIDGE | 3 | Near Miss | N | During a training evolution, a tool weighing approximately 28 lbs. was being hoisted by chain fall up through a known binding point when the tool bound up increasing the load to 37 lbs. | Inadequate Job Planning |
| 14-RANM-033 | 4/25/2014 | | | Near Miss | | During the operation of a chain fall, the unused portion of the load chain was miss-aligned and hanging outside of the chain fall load chain bag and began to misfeed. | Personnel Error: Rigger |
| 14-RANM-032 | 5/1/2014 | | | Near Miss | | During positioning of a ship's CO2 scrubber onto a shipping skid, the rigger operated the chain fall while the mechanics hands were in a pinch point. | Personnel Error: Rigger |
| 14-RANM-034 | 5/12/2014 | MULTI-PURPOSE MACHINE | | Near Miss | Y | Ship's force were observed using the personnel basket of an aerial platform to lift a small punt into the water. | Improper Operation |
| 14-RANM-038 | 5/19/2014 | | | Near Miss | | Threads on a safety hoist ring were damaged during installation into a trench cover lift rig due to cross threading. | Improper Assembly of Component |
| 14-RANM-044 | 5/19/2014 | DERRICK | 1 | Near Miss | | Incorrect/under capacity rigging gear was staged and ready for use in violation of the approved lift procedure. | Procedural Failure |
| 14-RANM-041 | 5/20/2014 | | | Near Miss | | Eye bolts which were modified without engineering approval were found available for use in the activity gear room. | Improper Operation |
| 14-RANM-040 | 5/27/2014 | | | Near Miss | | During lowering of a load using a chain fall, the weight displayed on the LID decreased below the lower limit specified in the technical procedure. | Improper Rigging |
| 14-RANM-051 | 6/10/2014 | | | Near Miss | | A pipe was scratched and lagging damaged during rigging work to remove/re-install an AC motor shipboard. | Improper Rigging |
| 14-RANM-046 | 6/11/2014 | | | Near Miss | | While conducting a surveillance of crane operations a shackle with a bolt was found. The bolt was not part of the original shackle and had no inspection due date markings. The illegal lifting shackle was removed from service. | Inadequate Equipment Inspection |
| 14-RANM-047 | 6/11/2014 | | | Near Miss | | A swivel hoist ring used to remove a shipboard steam chest was left installed while the chest was placed in a relief oven and heated. | Procedural Failure |
| 14-RANM-045 | 6/18/2014 | BRIDGE | 3 | Near Miss | Y | While conducting a surveillance of crane operations, a sling and lifting ring were found without any indication of an inspection due date tag. Additionally, the lifting ring appeared to be a tow ring, meant for pulling - not to be used for lifting. | Inadequate Equipment Inspection |
| 14-RANM-042 | 6/27/2014 | HOIST | | Near Miss | N | Pre-use inspection identified loose or missing fasteners on an in-service chain hoist. | Inadequate Rigging Inspection |

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| 14-RANM-043 | 6/27/2014 | | | Near Miss | N | Pre-use inspection of rigging gear staged for shaft removal revealed an undersized master-link placed in the rigging arrangement by the previous shift. | Inadequate Rigging Inspection |
| 14-RANM-048 | 6/27/2014 | MULTI- PURPOSE MACHINE | | Near Miss | Y | A forklift was used to lift and suspend a load without OEM approval criteria being met. | Procedural Failure |
| 14-RANM-052 | 7/11/2014 | | | Near Miss | | A shipboard lift bridle was incorrectly installed and used to rig and remove ship components resulting in slightly bent pipe hanger and damaged lagging. | Improper Rigging |
| 14-RANM-054 | 7/31/2014 | HOIST | | Near Miss | Y | A 1 ton chain fall's load chain rendered during use. Investigation revealed excessive wear in some of the load chain links that was not identified during routine inspections. | Inadequate Equipment Inspection |
| 14-RANM-050 | 8/7/2014 | BRIDGE | 2 | Near Miss | | An out of date sling was found suspended (ready for use) from a crane hook. | Inadequate Equipment Inspection |
| 14-RANM-053 | 8/11/2014 | | | Near Miss | | A hand operated grip hoist's shear pin sheared during shipboard use. | Improper Rigging |