

# FY '15 Rigging Accident Summary



<i>NCC Report #</i>	<i>Acc Date</i>	<i>Work Environ</i>	<i>Accident Type</i>	<i>Sig?</i>	<i>Description</i>	<i>Cause</i>
15-RA-001	10/2/2014	Ship Repair	Rigging Equip damage, synthetic Pendants/Slings	N	A synthetic round sling was damaged during rigging work to move a lathe through a shipboard hatchway.	Improper Rigging
15-RA-004	10/14/2014	Ship Repair	Injury, other	Y	A rigger was injured during a rigging evolution to install a fairwater plane linkage assembly when a mechanic thrust the linkage pin through its connection point striking the rigger in the face.	Inadequate Communication
15-RA-005	10/30/2014	Ship Repair	Injury, Caught between load and fixed object	Y	During rigging work to install a shipboard motor, an employee's hand was injured (cut on finger) by the sharp edge of the motors vent fan.	Inadequate Job Planning
15-RA-007	11/4/2014	Ship Repair	Dropped Load, Rigging Gear	Y	During shipboard rigging work to remove a gas turbine engine, the welds on the turbines forward lift attachment broke causing the front end of the turbine to drop to the deck.	Equipment, Failure, Other
15-RA-006	11/5/2014	Ship Repair	Overload, Rigging	Y	While rigging a lube oil tank into position, the hooks on two quarter ton chain falls (500 lbs.) were deformed due to overloading.	Improper Rigging
15-RA-018	11/24/2014	Ship Repair	Rigging Equip damage, Other	N	A guide roller pin on a 10T chain hoist was discovered damaged during pre-use inspection. The damage is believed to have occurred during recent rudder installation.	Other
15-RA-008	11/26/2014	Ship Repair	Injury, Caught between load and fixed object	Y	During removal of a shipboard air flask, the flask shifted in the rigging causing injury to a rigger's finger (fracture & laceration).	Improper Rigging
15-RA-017	12/5/2014	Ship Repair	Rigging Equip damage, synthetic Pendants/Slings	N	During work to pull a shaft horizontally into a boat the outer cover of a synthetic sling was torn.	Improper Rigging
15-RA-009	12/12/2014	Ship Repair	Injury, Caught between load and fixed object	Y	While rigging a shipboard generator to its foundation, an assist worker's hand was pinched. (fracture & stiches required surgery)	Poor Risk Mitigation
15-RA-010	12/12/2014	Inside Shop	Injury, other	Y	An assist worker's hand was injured when the hand crank for a portable "A" Frame released suddenly (sprung back) and struck the employee on the hand (fracture).	Equipment, Failure, Other
15-RA-011	12/19/2014	Ship Repair	Injury, other	Y	During rigging work to remove a shipboard pump, an employee's hand was injured when he placed his hand between the load chain and housing of a pneumatic hoist.	Inadequate Communication
15-RA-013	12/23/2014	Ship Repair	Rigging Equip damage, Other	N	A chain hoist was returned to the gear room in a damaged condition.	Improper Rigging

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15-RA-014	1/11/2015	Ship Repair	Collision, Load Striking Object	N	During shipboard rigging work to remove a motor, a synthetic grommet used as a hold back to keep the motor from contacting adjacent piping parted causing the motor to contact and damage a valve.	Improper Rigging
15-RA-028	1/20/2015	Inside Shop	Overload, Rigging	Y	Scaffolding being used as an attachment point for rigging gear was overloaded during removal of a bridge motor from a crane during maintenance.	Inadequate Job Planning
15-RA-015	1/21/2015	Ship Repair	Injury, Struck by Load	Y	A rigger received a finger injury when a valve being installed shifted in the rigging and made contact (pinch point) with the rigger's hand.	Improper Rigging
15-RA-024	1/23/2015	Ship Repair	Rigging Equip damage, Other	N	A support bracket was damaged during rigging work to remove a high pressure air compressor unit from an engine room.	Equipment Failure
15-RA-019	2/3/2015	Ship Repair	Collision, Load Striking Object	N	A temporary electrical cord (light streamer) was damaged while rigging a turbine transmission assembly from the escape trunk to the upper level main machinery room.	Inadequate Clearance
15-RA-021	2/3/2015	Ship Repair	Damaged Load	N	The threads on a fan motor shaft were damaged when a synthetic sling used to position the motor slipped allowing the shaft of the motor to contact the motor housing.	Improper Rigging
15-RA-020	2/4/2015		Injury, Struck by Load	Y	An employee suffered a knee injury when a synthetic sling, attached to a shipboard pump, slid allowing the pump to shift and strike the employee.	Improper Rigging
15-RA-022	2/6/2015	Ship Repair	Damaged Load	N	The manual dump lever on a ship's main engine throttle valve was damaged during rigging work to drift the throttle valve from the engine room.	Improper Rigging
15-RA-023	2/10/2015	Ship Repair	Injury, other	Y	A synthetic sling being used as a holdback for a sea water valve slipped, causing injury to a rigger's hand.	Improper Rigging
15-RA-025	2/10/2015	Ship Repair	Not Elsewhere Specified	N	A shipboard oxygen valve handle was misaligned by a 10 ton chain fall used during in-hull shaft support rigging work.	Improper Rigging
15-RA-027	2/17/2015	Ship Repair	Collision, Load Striking Object	N	While positioning rigging gear to a hull section for removal, a 5 ton chain fall attached to the gear shifted unexpectedly and struck a support worker. The worker was not injured.	Improper Rigging
15-RA-029	2/25/2015	Ship Repair	Injury, Caught between load and fixed object	Y	A rigger's left index finger was broken requiring multiple stitches when a 500KW rotor being installed shipboard shifted wedging his finger between the rotor and an adjacent ladder.	Poor Risk Mitigation
15-RA-031	3/4/2015	Ship Repair	Damaged Load	N	Deenergized electrical cables for a fire pump motor were damaged during rigging work to move the fire pump motor through a shipboard hatchway.	Improper Operation
15-RA-037	3/14/2015	Ship Repair	Overload, Rigging	Y	A shipboard pad eye and equipment test rig were overloaded when the rigger performing the test misread the test gauge and applied excessive loading on the pad.	Personnel Error: Rigger
15-RA-032	3/18/2015	Ship Repair	Injury, Struck by Rigging	Y	While moving a 2,830 lb. test weight, a 4ft. endless nylon sling connected to an overhead pad eye was cut causing the nylon sling to fail. A 1-1/2 ton chain hoist that was connected to the nylon sling and the test weight fell to the deck. The falling chain hoist struck a sailor in the head resulting in a 3 inch laceration.	Improper Rigging

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15-RA-033	3/27/2015	Inside Shop	Overload, Rigging	Y	During testing of a lift fixture, the test load range was exceeded (overload) when the chain fall used to apply the test load was operated too quickly.	Inadequate Communication
15-RA-043	4/6/2015	Ship Repair	Collision, Load Striking Object	N	During rigging work to remove an oxygen generator cabinet from the auxiliary machinery room, a glass gauge on the cabinet contacted the body of the chain hoist cracking the glass.	Improper Rigging
15-RA-036	4/7/2015	Ship Repair	Overload, Rigging	Y	During down righting of a boat's main mast, two chain falls being used to lower the mast were overloaded when the mast unexpectedly bound and caused the capacity of the chain falls to be exceeded.	Improper Rigging
15-RA-035	4/9/2015		Rigging Equip damage, Other	N	While rigging a trim and drain valve from below deck on a submarine undergoing an availability the hook on a one ton chain hoist caught on a flashing on a manway hatch.	
15-RA-038	4/13/2015	Inside Shop	Dropped Load, Improper Rigging	Y	During a lift of a section of staging using a portable hoist, the wire rope sling used to lift the staging detached from the hook allowing the section of staging to drop to the deck.	Improper Operation
15-RA-039	4/14/2015	Ship Repair	Rigging Equip damage, Other	N	A hook on a one ton chain hoist was bent when it snagged ship structure during installation of a access ladder in a below deck passageway	Procedural Failure
15-RA-040	4/22/2015	Equip Test	Overload, Rigging	Y	A special lifting tool was overloaded during load test.	Improper Rigging
15-RA-044	5/7/2015	Ship Repair	Rigging Equip damage, Wire Rope Pendants/Slings	N	A one ton chain hoist returned to the gear room was found to have a damaged upper hook and a bent load chain retaining pin. Investigation on how the chain hoist was damaged is ongoing.	Improper Rigging
15-RA-052	5/7/2015	Ship Repair	Damaged Load	N	During installation of a shipboard pump, the pump contacted an adjacent breathing air manifold causing damage to hose connection ports on the manifold.	Improper Operation
15-RA-045	5/14/2015		Collision, Load Striking Object	N	During final seating of a component using a chain hoist, the component rotated unexpectedly and slid down into the final seating position resulting in damage to the component seating surface (raised metal).	
15-RA-049	5/18/2015		Dropped Load, Improper Rigging	Y	A load was dropped from a forklift attachment.	
15-RA-046	5/19/2015	Inside Shop	Damaged Load	N	After removal of an aircraft tail pylon, the disconnected rigging gear snagged the pylon as it was being hoisted clear of the lift causing damage to a fitting on the pylon.	Procedural Failure
15-RA-047	5/22/2015	Ship Repair	Injury, Struck by Rigging	Y	During shipboard rigging work, a riggers hand was injured when the block on a chain fall struck the riggers right hand.	

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15-RA-053	5/31/2015		Rigging Equip damage, synthetic Pendants/Slings	N	A sling being used on a forklift attachment to lift a steel "I" beam was damaged when the beam slipped in the rigging and caused an impact loading condition on the sling, lifting attachment and forklift.	
15-RA-051	6/1/2015		Rigging Equip damage, Other	N	While rotating the load chain on one of the chain hoists being used to move a steam throttle valve, the chain snagged a linkage rod on the throttle valve, breaking the rod off.	
15-RA-050	6/2/2015		Damaged Load	N	While attempting to free up a pump and motor assembly from a section of ship structure, two studs on the pump discharge flange broke off when they came in contact with the pumps bedplate.	
15-RA-054	6/2/2015		Damaged Load	N	During rigging of the trim and drain pump shipboard, a fuse holder on the oxygen control panel board adjacent to the pump was damaged.	Improper Rigging
15-RA-055	6/2/2015	Ship Repair	Collision, Load Striking Object	N	While rigging a shaft seal housing into position, a stud on the shaft seal contacted and cracked a glass cover for a gauge.	