

Republic of the Marshall Islands

MARITIME ADMINISTRATOR

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MARINE SAFETY ADVISORY No. 03-17

To: Owners/Operators, Masters, Nautical Inspectors, Recognized Organizations

Subject: SAFETY MANAGEMENT SYSTEM IMPLEMENTATION

Date: 05 January 2017

Recently, the United States Coast Guard (USCG) issued the attached Marine Safety Alert 01-17 regarding safety measures and their effective implementation following a fatal casualty of a crewmember onboard a bulk carrier.

Ship owners/operators, vessel Masters, and all crew members are reminded that a Safety Management System (SMS) is not effective if it is not implemented in the daily routine onboard. The Republic of the Marshall Islands (RMI) Maritime Administrator (the "Administrator"), and the USCG in the attached Safety Alert **strongly remind** vessel owners, operators, and all personnel onboard vessels to:

- properly use safety equipment;
- implement tool box meetings or similar risk assessments by ship's crew assigned to a task to ensure safety risks are identified, understood and addressed prior to commencing work;
- ensure adequate supervision of work teams;
- develop workplace procedures to properly develop and execute plans, including those for worst case scenarios;
- implement measures to prevent such scenarios; and
- fully implement and adhere to Safety Management System (SMS) requirements.

A true SMS is not only developed to have a certificate onboard a ship. Its functionality is completely dependent on the actions of all those involved in the system from every crewmember onboard, to the operators and owners who support the crewmembers and the safe operation of a ship. The Administrator urges owners, operators, and marine personnel to effectively implement and adhere to safety procedures and SMS requirements.

This MSA expires one (1) year after its issuance, unless otherwise noted, extended, superseded, or revoked.



UNITED STATES COAST GUARD
U.S. Department of Homeland Security

MARINE SAFETY ALERT

Inspections and Compliance Directorate

January 3, 2017
Washington, DC

Safety Alert 01-17

The Best Laid Plans for Safety Are Only as Good as Their Implementation!

Recently, while a bulk carrier was at anchor off the coast of Texas, a crewmember that could not swim was put over the rail in a Bosun's Chair to paint the vessel's mid-ship draft marks and load lines. Unfortunately, when his shipmates on deck commenced to haul him up, the Bosun's Chair line parted and he fell into the water. He survived the fall and attempted to swim towards a life ring that had been thrown to him, but he ultimately submerged and was lost. Other crewmembers attempted to launch a rescue craft, but it failed to operate.

Putting a crewmember over the rail to paint while a vessel is at anchor is a typical shipboard operation, and this instance is a classic example of where following SMS procedures could have prevented a death or injury. Investigators found that the Captain and Chief Mate had met and developed a suitable work plan. This information was later communicated from the Chief Mate to the crewmembers involved. The plan had several important elements, including inspecting the Bosun's Chair and manila rope rigging and requiring that the crewmember going over the rail wear a personal flotation device (PFD) and use a safety harness and lifeline; however, the plan was not implemented. Crewmembers failed to adequately check the strength of the Bosun's Chair line, instead simply pulling on it. Also, the deceased crewmember was not wearing a PFD, and, even though he wore a safety harness along with a lifeline, the lifeline went untended and was not tied off to the vessel. The vessel's Bosun was not present, and it remains unknown as to who was supervising the operation. Finally, months before this tragedy, the Chief Mate had placed a requisition request for new manila line and for PFD work vests that were designed to be worn with the vessel's safety harness; however, the request went unfilled.

As a result of this casualty, the Coast Guard **strongly reminds** vessel owners and/or operators and all personnel onboard vessels everywhere to do the following:

- Properly use safety equipment.
- Ensure adequate supervision of work teams.
- Develop workplace mindsets that properly develop and execute plans, including those for worst case scenarios.
- Implement barriers to prevent such scenarios.
- Fully implement and adhere to Safety Management System requirements.



This safety alert is provided for informational purposes only and does not relieve any domestic or international safety, operational, or material requirements. Developed by the Investigations Division of the Coast Guard Marine Safety Unit Port Arthur and the Office of Investigations and Casualty Analysis. Questions or comments may be sent to HQS-PF-fldr-CG-INV@uscg.mil.