

DON'T CURE PREVENT

ISSUE 01 FEBRUARY 2020

MOORING EQUIPMENT MAINTENANCE

**NEW CONTENT
FEATURED!**

Test your knowledge
following the links at
page 4.





MOORING EQUIPMENT MAINTENANCE



CASE

During a H.E.L.M.E.T. assessment onboard a vessel, the P@S Assessor evidenced serious damage on the ship's mooring rollers. More specifically, the rollers were found rusty and corroded. During the assessment, vital mooring equipment was also found in poor condition. Such condition was highlighted by the Assessor as constituting an unsafe business culture.

This resulted in vessel's detention by the PSC Inspector few weeks later.



REGULATORY FRAMEWORK

AS PER SOLAS II-1/3-8

Ships shall be provided with arrangements, equipment and fittings of sufficient safe working load to enable the safe conduct of all towing and mooring operations associated with the normal operation of the ship.

AS PER MEG 4 §7.2.5,

All rollers should be adequately maintained and inspected at a regular interval to ensure they allow free rotation. If grease points are used, they should be easily accessible.



WHAT WENT WRONG?

- ❏ The periodical inspection of mooring equipment as per Company's Policy had not been conducted, as it was recorded, on a regular basis.
- ❏ Maintenance on the Mooring Equipment was not as per best practice.
- ❏ The Crew members underestimated the importance of well maintained Mooring Equipment.
- ❏ Safety precautions in regards to mooring operations were not taken.
- ❏ Absence of Safe business Culture was observed.



OUR SOLUTION

Prevention at Sea suggests the following indicative actions undertaken by the Responsible Officer(s);

- ⦿ Check the condition of Mooring Equipment as per Company's Procedures.
- ⦿ Check that the mooring lines' condition is satisfactory in order for the mooring operation to be conducted in a safe manner.
- ⦿ Conduct periodical maintenance as per manufacture's instructions.
- ⦿ Report any defect upon identification and apply necessary correction or rectification plan.

Note: Mooring equipment that has suffered severe wastage will not perform to the certified standard.



BEST PRACTICE

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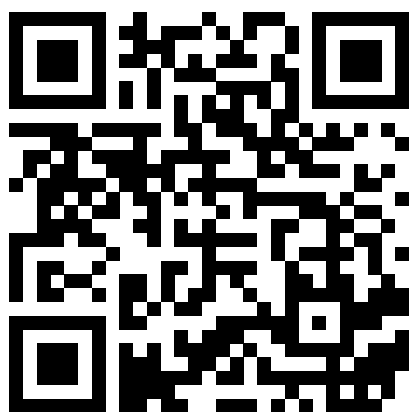
REMEMBER: Mooring operations involve risky operations if safety precautions are not in place. Understanding the principles of mooring, training on the job, risk assessed procedures and well maintained equipment will ensure that mooring operation is conducted in a safe manner.



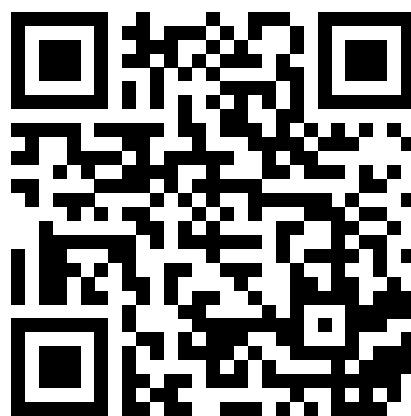
TEST YOUR KNOWLEDGE

CLICK ON THE LINKS *OR* SCAN THE QR CODE

Q&A



SPOT THE DEFICIENCY



 **PREVENTION AT SEA**

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**FOR MORE INFORMATION,
PLEASE DO NOT HESITATE TO CONTACT US.**



Prevention at Sea Ltd
52 Arch. Makariou III Avenue,
Ydrogios Tower, CY 6017
Larnaca - Cyprus

Tel: +357 24819800
Fax: +357 24819881



Greek Representative Office
Akti Miaouli 91 & Krevata 1-3
Piraeus 18538
Athens - Greece

Tel: +30 210 64 37 637



info@preventionatsea.com

www.preventionatsea.com