



Human Element Maritime Enhancement Tool (H.EL.M.E.T)

**HELMET ELEMENT 8****Item 6 'Condition of Mooring and Anchoring Equipment'**

FINDING: During an onshore HELMET assessment, our HELMET Assessor noticed that in one of the Vessel's mooring equipment inspection reports kept in the company's records, four (4) mooring ropes were in use for more than five years despite the life cycle, that is a maximum of five years, mentioned in the Vessel's Line Management Plan. Additionally, four (4) synthetic ropes were still in use despite their poor rating by the seafarers on board of the ship.

Ref. MEG 4, 5.4 and to industry's standards: TMSA 6A.2.4

Is this important?

The aforementioned incident is an indication of inadequate implementation and cross checking between the SMS and the requirements for inspection, maintenance and retirement of mooring lines, as stated in the ship's Line Management Plan. Moreover, the said finding indicates the lack of familiarization with the Line Management Plan requirements as well as substandard coordination between the ship and the office which in turn affects the seafarers' safe status and that could potentially result in an unpleasant accident during mooring operations.

SUGGESTION: The ship operator should ensure that proper verification and cross checking between reported conditions and Line Management Plan requirements is carried out. In addition, they should ensure that the personnel in charge of the monitoring of the mooring ropes condition constantly reviews the inspection records and has clear instructions regarding their proactive actions.

As part of the investigation and condition verification process, the office could request evidence (photos) from the inspection process of the mooring equipment, as well as during the retirement of mooring lines.

Adequate familiarization with the Line Management Plan requirements and effective coordination between the office and the fleet are essential with the aim to maintain a safe business culture.

Notice: Tip of the month is circulated by P@S monthly in an effort to inform the industry of the red flags raised from the implementation of our onshore and onboard HELMET risk assessment program to meet highest standards, carried out by H.EL.M.E.T. Assessors.

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