

## 係船作業に関する外国船舶への安全啓蒙活動について

令和 6 年 10 月 17 日  
国土交通省海事局総務課  
外国船舶監督業務調整室

1.これまでの取り組み

平成 21 年 3 月、神戸港で発生した綱取り作業員 2 名の死亡事故を受け、神戸運輸監理部では、平成 22 年度より、ポートステートコントロール (PSC) 実施船舶に対する係船装置の安全に関するキャンペーンを実施してきました。

係船装置の安全については、IMO において検討され始め、国際的な課題となった状況に鑑み、地方運輸局等の外国船舶監督官による全国規模での安全啓蒙活動を平成 27 年度から開始しました。

令和 5 年度においては以下の通り外国船舶に対して安全啓蒙活動を行い、訪船した船舶の係船装置の管理状況及び乗組員の安全意識についてのヒアリングを併せて行いました。

時期及び対象

実施期間：令和 6 年 3 月 4 日（月）～3 月 15 日（金）（2 週間）

対象船舶：本邦各港において PSC を実施した外国船舶

啓蒙活動

PSC を実施した船舶に対して、例年同様リーフレット（英文）により係船装置及び係船作業に関する安全啓蒙活動を行い、係船作業に携わる港湾関係者に対しても同様のリーフレット（和文）による啓蒙活動を行っています。損傷している係船索については欠陥を指摘し、改善を要求しております。

2.今後の対応について

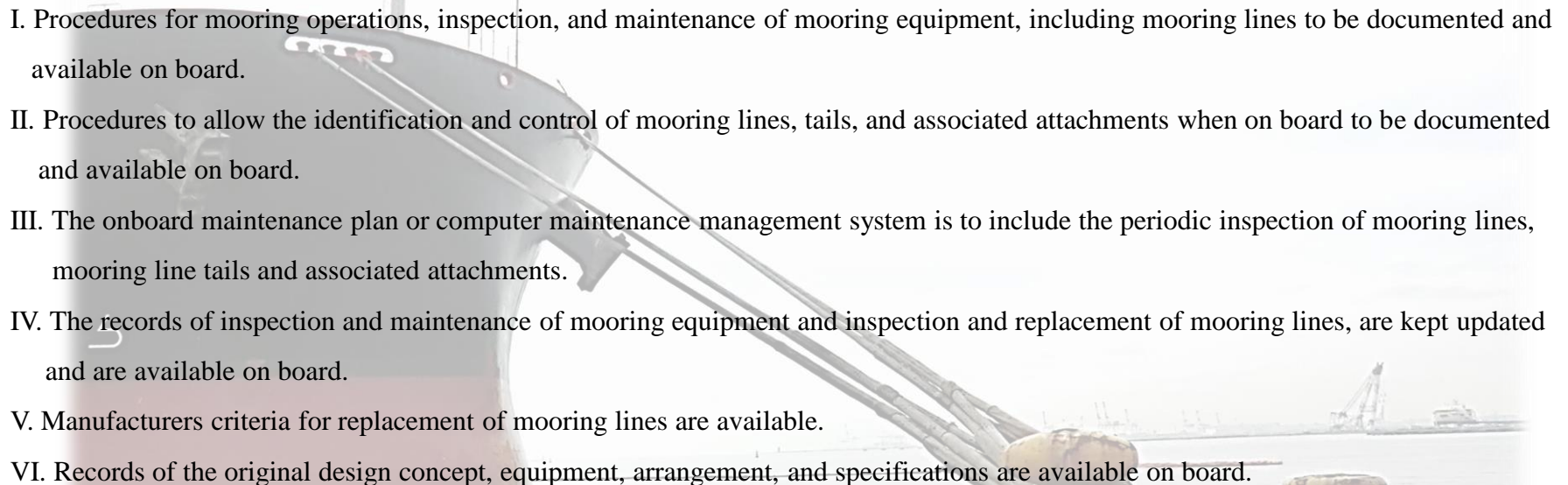
2024 年 1 月 1 日からの SOLAS 条約 II-1 章 3-8 規則改正に伴い、現存船への船上の係船設備（索、ウィンチ、ボラード等）の点検・保守が義務化されたことに加え、改正日以降建造の船舶に備える係船索が強化されておりますので、PSC として当該規則の適合性確認について引き続き厳正に対処いたします。また、啓蒙活動についても今後も力を入れて取り組み、実施を図る所存です。

# Inspection and Maintenance of Mooring Equipment Including Lines

The amendments to SOLAS II-1/Reg.3-8 “Towing and mooring equipment” has come into effect on January 1, 2024.

These amendments introduced new requirements for mooring arrangements and equipment, including mooring lines, aiming to recognize the importance of the design of mooring arrangements and the selection of appropriate mooring equipment and fittings for safe mooring operations.

Since 1 January 2024, all ships are required to keep the management plans on board based on MSC.1/Circ.1620. The management plans shall include the following I to VI contents.

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- I. Procedures for mooring operations, inspection, and maintenance of mooring equipment, including mooring lines to be documented and available on board.
  - II. Procedures to allow the identification and control of mooring lines, tails, and associated attachments when on board to be documented and available on board.
  - III. The onboard maintenance plan or computer maintenance management system is to include the periodic inspection of mooring lines, mooring line tails and associated attachments.
  - IV. The records of inspection and maintenance of mooring equipment and inspection and replacement of mooring lines, are kept updated and are available on board.
  - V. Manufacturers criteria for replacement of mooring lines are available.
  - VI. Records of the original design concept, equipment, arrangement, and specifications are available on board.

Therefore, shipowners, ship management companies, shipyards and design companies are required to take necessary actions accordingly referring to the information.

**District Transport Bureau, Ministry of Land, Infrastructure, Transport and Tourism**  
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# Check List for the Mooring Safety

Thousands of mooring operations are performed in ports every day. They are performed safely and without accidents by professionals.

However, mooring operations are high risk. If operation steps are missed, the consequences may be catastrophic.

In order to complete the safety of mooring operations, we would like to remind vessels visiting Kobe Port to pay attention to the items on the following checklist.

The purpose of this booklet is to provide you with information on how to prevent accidents during mooring operations.

- ☐ Do the officers and crew know the type, physical properties and conditions such as wear and tear of the mooring ropes and equipment?
- ☐ Are winch control levers operating properly?  
Are heave or slack directions clearly marked and ropes wound correctly?
- ☐ Do the officers and crew know “Snap-back zones of rope” and “blind sectors” in signaling to the winch man?
- ☐ Are mooring line operations conducted on the assumption that a mooring rope may part suddenly?
- ☐ Are communications during mooring stations onboard maintaining good and made in a language that all can understand including pilot, tugs and linesmen?
- ☐ Are all mooring station crew made aware of the planed operation and sequences in advance?
- ☐ Are all mooring station crew constantly confirmed each other the current state of mooring rope or tug line and the motion of the main engine.
- ☐ Are all crew equipped with personal protection equipment?
- ☐ Has your company established procedures for a mooring operations and a maintenance of mooring rope and equipment in its Safety Management System?

