

**Title:** Safe Marine Pilot Transfer (MPT) Arrangement – Pilot Ladder

**Reference:** IMO Res. A.1045(27)  
SOLAS Chapter V Reg.23  
ISO 799-1:2019 (as amended) – Design and specification.  
ISO 799-2:2021 (as amended) – Maintenance, use, survey, and inspection.  
ISO 799-3:2022 (as amended) – Attachments and associated equipment.  
AMSA Marine Notice – Pilot transfer arrangements (04/2023)  
ARCSOPT Marine Pilot Transfer Arrangements – 03/2023

### Scope

Vessel Masters and Operators – All vessels arriving and departing the port of Newcastle

### Background

The substandard condition of the pilot ladders and their associated equipment, inadequate maintenance regimes, incorrect rigging, and a lack of awareness has been established as the major contributors to several significant incidents during pilot transfers.

To ensure the potential risks and the safety concerns surrounding the marine pilot transfers are effectively addressed and to ensure a standardised approach to marine pilot transfer arrangements, the Port Authority of New South Wales has mandated the below minimum safety criteria which would come into force on **01 October 2023**.

### Minimum Safety Criteria

- 1) **Maximum permissible age of pilot ladders – 30 months from the date of manufacture** unless the ladder has been subjected to the ladder and step attachment strength test (as prescribed in ISO 799-1:2019) at not more than 30-month intervals.
- 2) **Maximum permissible age of the manropes** (Grade 1 manila rope, diameter 28~32 mm) to be used with pilot ladders – **12 months from the date of manufacture**.
- 3) Vessel operators to provide ship-specific guidance to the vessel's crew on:
  - a. Storage, care, inspection and maintenance of the pilot ladders, manropes, and all the other associated equipment including combination (pilot assist) ladders.
  - b. Rigging and securing of the pilot ladders and combination ladder arrangement, the acceptable securing method for pilot ladders mounted on reels, acceptable material, and size for securing ropes.
- 4) All Pilot ladders, manropes and associated equipment are to be used exclusively for marine transfers and to be marked as 'For Marine Transfers only'.
- 5) Original certificates issued by the certifying authority for all the pilot ladders, manropes, securing and lifting arrangements to be retained onboard.

## Frequently Asked Questions

### **Can the pilot ladder be used after 30 months from the date of manufacture?**

Yes, the pilot ladder can be used after 30 months from the date of manufacture if it passes a ladder and step attachment strength test as per ISO -799-1:2019(as amended)

### **Who can carry out the ladder and step attachment strength test?**

The ladder and step attachment strength test must be carried out by the manufacturer or at a facility approved by the vessel's Flag State or the Classification Society.

### **What is the validity of the ladder and step attachment strength test?**

The ladder and step attachment strength test must be carried out at intervals not exceeding 30 months. The pilot ladder will be considered unacceptable if the ladder and step attachment strength test is older than 30 months.

### **Can the vessel crew carry out repairs to the pilot ladder?**

Pilot ladder repairs must only be carried out by the manufacturer, at a manufacturer-approved repair facility, or a facility approved by the flag state or classification society.

### **Can an exemption be given for the use of man ropes older than 12 months from the date of manufacture?**

No, the man ropes must be replaced 12 months from the date of manufacture. Use of man ropes 12 months after the date of manufacture is not permitted.

### **If the vessel carries out marine pilot transfer by helicopter, is a compliant pilot ladder still required?**

Marine pilot transfers can be carried out by pilot boat or helicopter, as per operational requirements and the method of pilot boarding can change at short notice. Therefore, all vessels are required to comply with this Harbour Master Instruction.

***This HMI will supersede the HMI 22-001 E on 01 October 2023.***