

MARINA MOORING LINES POLICY

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- All Vessels shall be moored as directed by the Harbour Berthing Committee.
- The Club is responsible for the fixtures up to and including the jetty and pylon eyebolts. The Pen Occupier is responsible for notifying the Harbour and Berthing Committee of unacceptable wear to the jetty or pylon eyebolt rings or the first large shackle (if provided by the Club).
- The Pen Occupier is responsible for the installation, maintenance and suitability of their mooring gear and mooring arrangement.
- The following table specifies the sizes and materials for mooring gear that shall be fitted as a minimum:

Overall length of vessel	Minimum diameter of mooring lines (Polypropylene)	Drop chain link & shackle diameter (Galvanised)	Pen weight (plastic coated concrete)
Up to 6 m	12 mm	12 mm	12 Kg
6 to 10 m	16 mm	12 mm	12 Kg
10 to 14	20 mm	16 mm	20 Kg
More than 14m	24 mm	20 mm	20 Kg

- Stainless steel shackles shall not be used for attachment to the jetty or pylon eyebolt rings or the first large shackle if provided.
- Bow, stern and springer lines shall:
 - have an eye spliced in the vessel end;
 - have an eye spliced with a metal galvanised thimble at the chain end;
 - be attached with a shackle to the chain; and
 - not use knots for attachment.
- Where possible the mooring weights should be clear of the water.
- Rubber mooring snubbers/compensators may be used in addition to, but not in place of, pen weights.
- Mooring lines are to be reasonably tensioned to retain the vessel in the pen at all levels of the tide.
- Springer lines are to be used to retain the vessel from colliding with the jetty, pylons or other adjacent vessels.
- Zero stretch ropes such as Kevlar, Dyneema and Spectre shall not be used for mooring gear.
- The following shall not be done without the permission of the Harbour and Berthing Committee:

- a. attaching materials to pylons or jetty.
 - b. attaching or cantilevering access steps from the jetty; and
 - c. the installation of 'floating brick docks', as this requires specific installation requirements to be considered for most pens. These are not permitted for vessels larger than 8m in length or more than 2500kg total weight.
 - d. the installation of 'air ballasted floating docks', as this requires specific installation requirements to be considered for most pens. No apparatus associated with the docking system is permitted on the jetty.
13. Mooring gear or arrangements which are considered unsafe may be required to be refitted at the direction of the Harbour Berthing Committee.
14. A typical arrangement of the mooring lines should be as shown Figures 1 & 2.

Figure 1 – Typical Mooring Detail

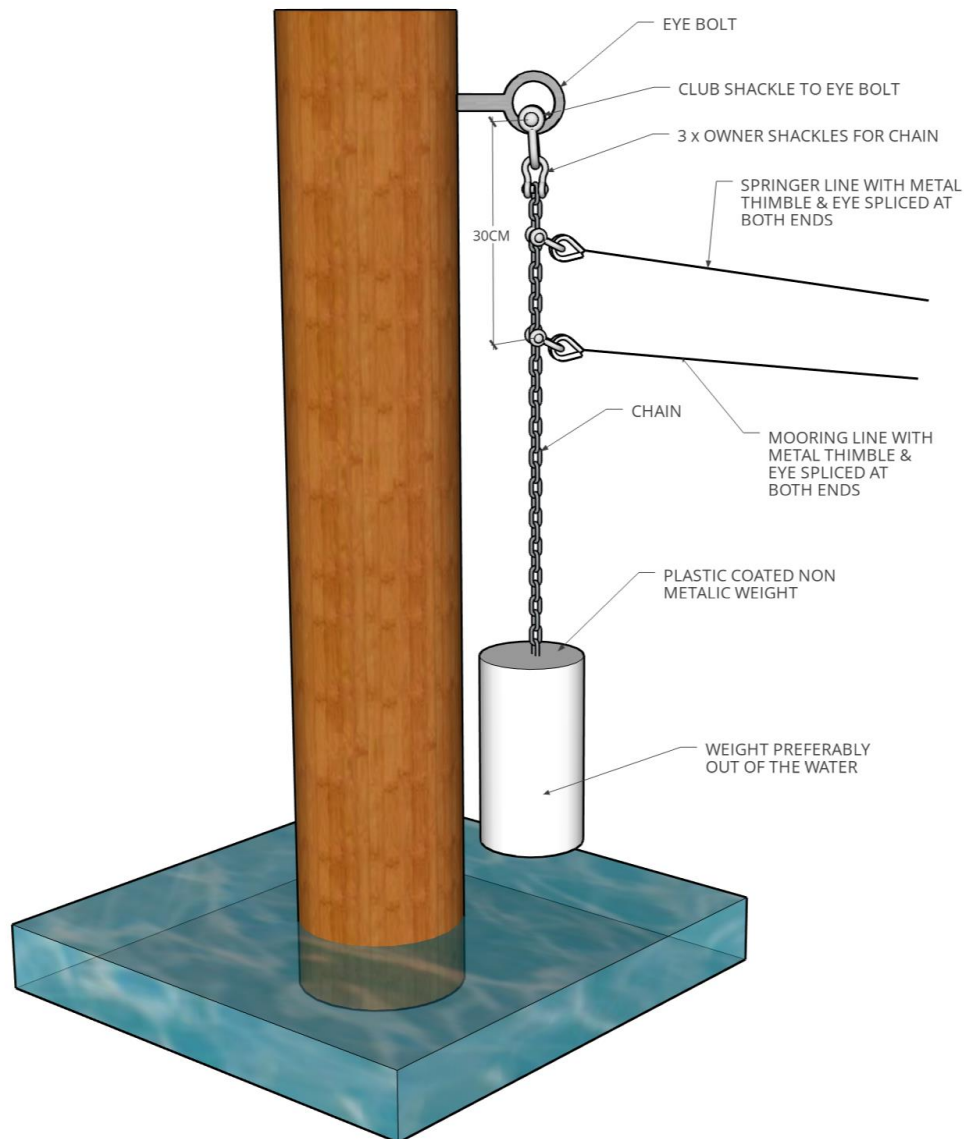


Figure 2 – Typical Mooring Arrangement

