

MARINA MOORING LINES POLICY

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1. All Vessels shall be moored as directed by the Harbour Berthing Committee.
2. 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).
3. The Pen Occupier is responsible for the installation, maintenance and suitability of their mooring gear and mooring arrangement.
4. 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 14m	20 mm	16 mm	20 Kg
More than 14m	24 mm	16 mm	20 Kg

Please note that if a boat is stored on a dry berth or air berth of any sort, then the specifications for the 10 to 14m size range shall apply.

5. Stainless steel shackles shall not be used for attachment to the jetty or pylon eyebolt rings or the first large shackle if provided.
6. Bow, stern and springer lines shall:
 - a. have an eye spliced in the vessel end;
 - b. have an eye spliced with a metal galvanised thimble at the chain end;
 - c. be attached with a shackle to the chain; and
 - d. not use knots for attachment.
7. Where possible the mooring weights should be submerged in the water. For pens with high level eye bolts the potential for having weights out of the water and/or the use of retaining straps may be considered, refer to item 14.
8. Rubber mooring snubbers / compensators may be used in addition to, but not in place of pen weights, refer to item 14.
9. Mooring lines are to be of suitable length and tension to retain the vessel or floating dock / dry berth, where applicable, in the pen at all levels of the tide.

10. Springer lines are to be used to retain the vessel from colliding with the jetty, pylons or other adjacent vessels. It is recognised that some arrangements do not need Springer Lines, refer to item 14.
11. Zero stretch ropes such as Kevlar, Dyneema and Spectre shall not be used for mooring gear.
12. 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. It is recognised that variations to the typical arrangement may be required for the differing boats and conditions in various parts of the marina. Should the Pen Occupier wish to install a different arrangement, then permission of the Harbour and Berthing Committee should be sought.

Figure 1 – Typical Mooring Detail

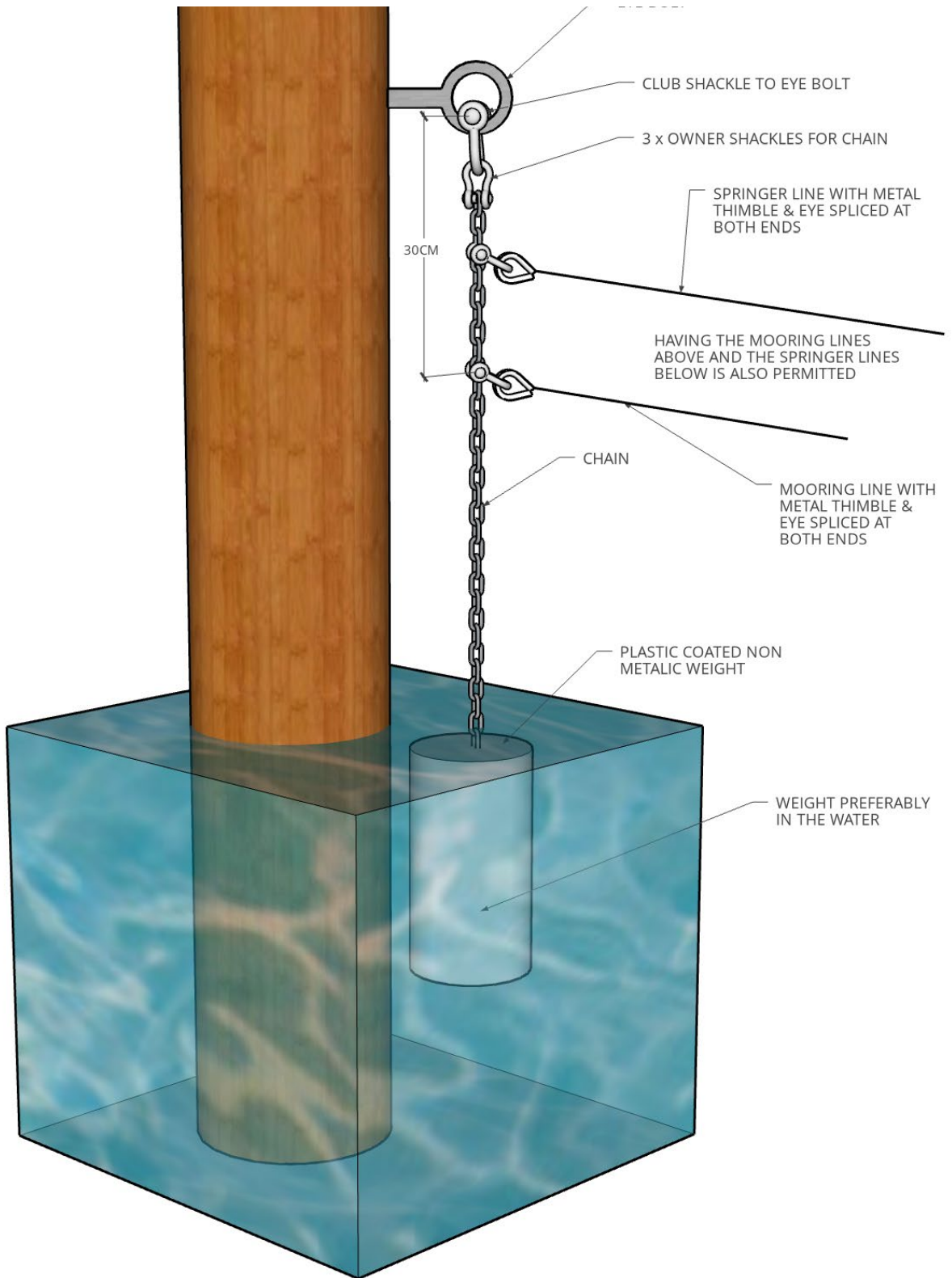


Figure 2 – Typical Mooring Arrangement

