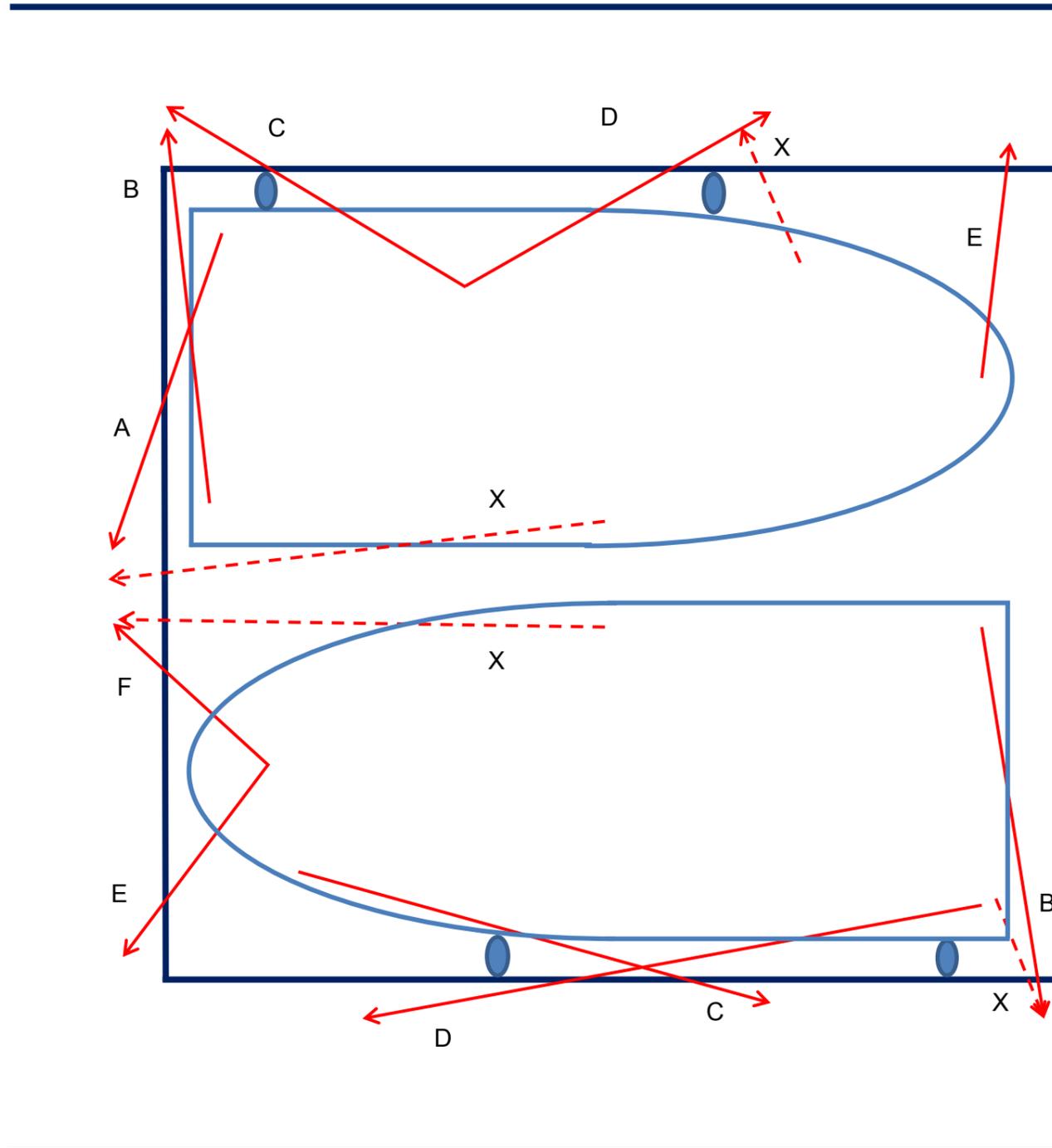


RECOMMENDED MOORING CONFIGURATION AND ROPE SIZE



The combination of Bow and Stern Springs prevent the vessel from surging back and forth

LEGEND	
A	Port Stern line
B	Starboard Stern line
C	Bow Spring. Limits forward movement of Bow
D	Stern Spring. Limits aft movement of Stern.
E	Port Bow line
F	Starboard Bow line
X	Additional Breast and spring lines. Highly recommended for 12m+ vessels.

General Recommendations

1. Marina Management request that each vessel is secured with a minimum of 4 mooring lines with an eye splice in each end, however 6 mooring lines per vessel are preferred to ensure vessels are berthed securely within their marina area.
2. Rope should be stranded to allow splicing and be of split film polyethylene or more commonly know as 'silver' rope.

3.

Size of Boat (m)	Minimum Diameter (mm)
8 – 10	16 - 18
10 – 15	18 – 22
15 – 20	24 or greater

If nylon ropes are preferred the diameter can be 2mm smaller.

4. Mooring lines should not have knots in the ends as knots weaken lines. Eyes should be spliced in both ends of the mooring line and appropriately sized so as to avoid the risk of them slipping off the cleats. Figure eight knots should be avoided to shorten the length of mooring lines
5. Mooring lines should have minimal slack to reduce swinging and hence minimise shock loads on cleats and lines.
6. Mooring lines should reach as long as practicable to provide the maximum flexibility to resist shock loads. This can be achieved by crossing stern lines and lengthening springs.
7. Doubled rope of a smaller diameter should not be used and steel fixings on cleats are **prohibited**.
8. Vessels are not to share common cleats where possible, as this may result in damage to the jetty tracks. Additional cleats are available from the marina office.
9. Attaching mooring lines to cleats on the opposite side of the floating jetty to which the boat is berthed should be avoided. This causes twisting of the pontoon and deck and may result in damage.
10. Splicing eyes through cleats, such that they cannot be removed, is not recommended. This can seriously delay movement of the boat in an emergency.
11. Continuous mooring lines are not accepted, 4 mooring lines per vessel are requested as a minimum.
12. Mooring configurations for docks such as Floating Dock, Sea Pen and Fab Dock can be requested from the manufacturer or Marina Management.
13. Mooring lines with severe degradation may be replaced by Marina Management at their discretion with costs forwarded onto the penholder.
14. Fenders must be used to prevent direct contact between vessel and jetties. The rubber strips on finger jetties should not be in direct contact with moored vessels.