



Townsville Motor Boat & Yacht Club Limited
A.C.N. 009 782 567
A.B.N. 83 009 782 567

Townsville Yacht Club

1 Plume St Townsville

P.O. Box 484

Townsville

Qld. 4810

Tel: (07) 4772 1192

Fax: (07) 4772 7363

admin@townsвилleyachtclub.com.au

www.townsвилleyachtclub.com.au

Notice to all boat owners in TYC Marina

Recommended Mooring Guidelines for boat owners in TYC Marina

In order to ensure the safety of all boats in the marina and , as well as the marina and persons on the marina, and particularly to reduce the risk of damage caused by a boat breaking free from its mooring, the Marina Committee has determined that minimum standards should be set for mooring in the marina.

1. General Responsibility

- Vessel owners are **fully responsible** for the safe mooring and security of their vessel at all times.
- Mooring arrangements must be **appropriate for the vessel's size, weight, and design** and kept in good condition.
- Owners must ensure their vessel is **secured to withstand local wind, tide, and wake conditions**.
- **Extra preparations and doubling of mooring lines** are required when a cyclone warning has been issued.

2. Mooring Lines

- Use **high-quality, UV-resistant marine-grade ropes** (e.g., nylon or polyester) with adequate breaking strength. The Club recommends the use of polyester double braided nylon rope or three-strand silver or nylon rope. Nylon ropes can absorb some of the strain created by strong winds and swell.
- **At least four (4) mooring lines** are recommended: minimum one bow and one stern line, plus aft and forward spring lines – refer Diagram 1.
- **Dock Line Sizing** - The diameter and length of dock lines will vary depending on the size of your boat. **Minimum** recommended line sizing is as follows:

Vessel length (m)	8 - 10	10 - 12	12 - 14	14 - 16	18 - 22
Displacement (Tons)	5	9	13	16	25
Rope Diameter	12mm	14mm	16mm	18/20mm	20/24mm

- Fit **chafe protection** (e.g., hose or leather sleeves) if appropriate.
- Maintain **some elasticity** in lines to absorb motion — avoid over-tightening. Sheet ropes are not recommended for use in securing your boat as they have limited stretching ability.

- Under **no** circumstances can **chain or shackles** be attached to the marina. Chain has no ability to stretch and will damage your vessel and/or the marina
-

3. Spring Lines

- Install **fore and aft spring lines** to prevent the vessel from surging forward or aft in the berth.
 - Cross-spring lines can further reduce movement in strong winds or surge conditions.
-

4. Fendering

- Fit **adequate fenders** along both sides of the vessel — at least **three per side** for most boats.
 - Fenders should be **clean, inflated and correctly positioned** to prevent hull damage or damage to the marina
 - Fenders should be positioned so they hang off the marina fender strip and should **not** be placing direct **contact** or strain to the black plastic section of the pontoons.
-

5. Cleats and Attachment Points

- Ensure **all cleats, bollards, and fairleads** on the vessel are **secure and structurally sound**.
 - Avoid tying lines to railings, stanchions, or lifelines.
 - Double up lines during **storms, strong winds, or extended absences**.
-

6. Inspection and Maintenance

- **Inspect** mooring lines, shackles, and fenders **regularly** for wear, UV damage, or corrosion.
 - **Replace** any chafed, frayed, UV damaged or stiff lines **immediately**.
 - Check **shore power leads**, hoses, and equipment are **neatly stowed and do not obstruct** walkways.
-

7. Emergency Preparedness

- Review the marina's **Cyclone and Severe Weather Plan**
 - In strong weather, **add extra lines**, ensure fenders are secure, and check neighbouring vessels
 - During severe weather warnings, **secure or remove sails, biminis, covers, and loose equipment**
 - Provide the marina office with **up-to-date contact details**.
 - Notify the marina office if leaving your vessel unattended for long periods.
-

8. Environmental and Safety

- Avoid trailing lines, hoses, or electrical cables across walkways.
 - Do not discharge **pollutants, sewage, or bilge water** into the marina.
 - Keep pontoons and berths **tidy and free of obstructions**.
-

10. Marina Assistance

- If uncertain about mooring setup, **ask marina staff** for guidance.
- The marina may inspect and request **adjustments to unsafe or inadequate moorings**.

The recommended alternatives of securing mooring lines are shown in diagram 1:

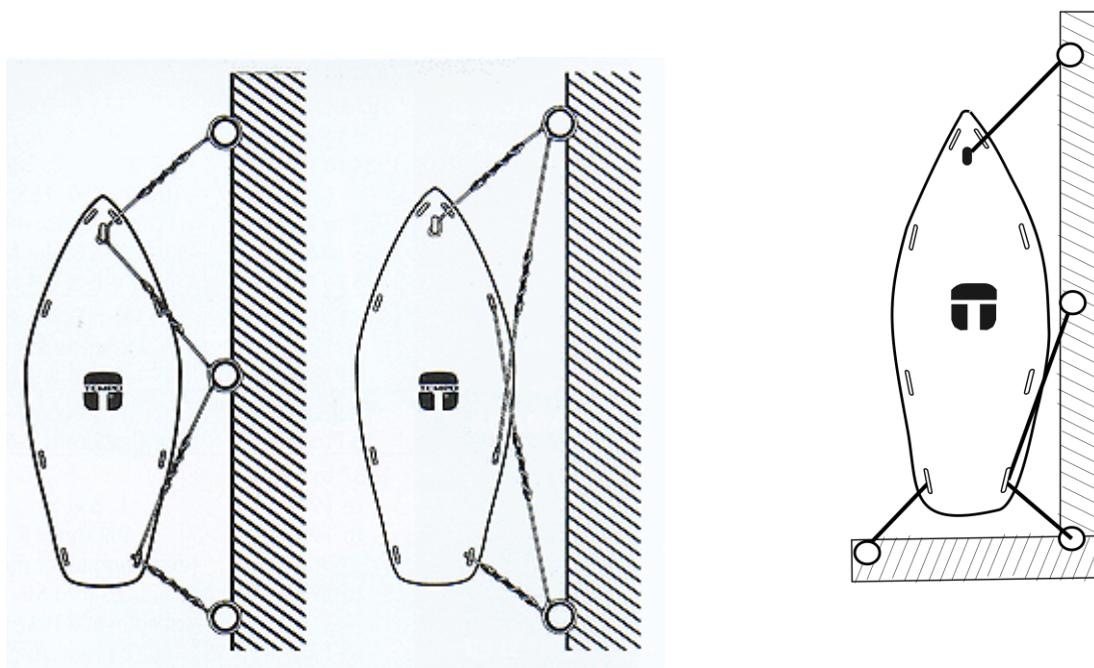


Diagram 1

Alternatively, where vessels are stern or bow on to a pontoon an additional bow/stern line can be used to replace the aft/forward spring line.