



Minimum Mooring Tackle Specifications

Town of Old Lyme

Utilization of proper mooring tackle is necessary to secure vessels adequately at their moorings. Storms, wind, waves, tides, currents, and wash must be considered when selecting appropriate hardware. There can be no guarantee that these minimum standards will ensure the safety of vessels during all conceivable storm events. The Town of Old Lyme assumes no liability for personal injury or property damage which results from the utilization of any tackle which meets or exceeds these recommendations.

Registered Boat Length (feet)	Mooring Anchor (pounds)	Bottom Chain (inches)	Top Chain (inches)	Nylon/Dacron Line (inches)
under 16	75	1/2	1/2	1/2
16 - 19	150	1/2	1/2	1/2
20 - 22	200	1/2	1/2	5/8
23 - 25	250	5/8	1/2	3/4
'26 - 30	300	5/8	1/2	3/4
31 - 35	400	3/4	5/8	3/4
36 - 40	500	3/4	5/8	7/8
41 - 50	600	3/4	5/8	1
51 - 65	750	1	3/4	1 1/4

-The maximum length of the pennant is two and one-half times the distance from the bow chock to the water plus the distance from the bow chock to the mooring cleat or post.

-All pennant lines running through a chock or any other object where chafing may occur should have adequate chafe guards.

-The total scope of chain should be two and one-halftimes the depth of water at high tide. The bottom chain should be 1.5x water depth and top chain 1x water depth. Additional bottom chain may be added if swing circle permits.

-System should consist of galvanized mooring chain with screw pin shackles and eye to eye swivels. Open jaw and cotter pin style swivels and shackles are not allowed. Shackles shall be secured with stainless lock wire and be equal to or larger than the chain size.

-White mooring balls with blue reflective tape shall be labeled to indicate owners last name and anchor weight.

-The pennant should be spliced or shackled into the bitter end of the top chain. The use of a second pennant for heavy weather is encouraged.

-Mushroom and pyramid anchors of equal weight are acceptable on permanent moorings.

-Oversizing systems is encouraged however chain must meet the minimum requirements for the size anchor it's attached to.

-New standards in effect for all permits applied for on or after 6/12/24. Existing permits in compliance with previous standards are permitted until gear needs to be replaced, at which time they shall be changed to current minimums.