

# MINIMUM REQUIREMENTS FOR MOORINGS

Other Areas	Niantic Bay Area
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## MUSHROOM ANCHOR:

Boat Length	Mushroom Anchor	Bottom Chain	Top Chain	Pendant	Bottom Chain	Top Chain	Pendant
<13 feet	75 lbs.	3/8 inch	5/16 inch	1/2 inch	3/8 inch	5/16 inch	1/2 inch
13-15	100	3/8	5/16	1/2	1/2	3/8	1/2
16-19	150	3/8	5/16	1/2	1/2	3/8	1/2
20-22	200	1/2	5/16	5/8	1/2	3/8	5/8
23-25	250	1/2	5/16	5/8	1/2	3/8	5/8
26-30	300	5/8	3/8	5/8	5/8	1/2	5/8
31-35	400	5/8	3/8	5/8	5/8	1/2	1
36-40	500	3/4	1/2	7/8	3/4	1/2	1
41-50	600	3/4	1/2	1	3/4	5/8	1

## PYRAMID ANCHOR: Allowed only in Niantic River

In a penetrable bottom using 3:1 scope based upon high water depth and winds to 64 knots.

Boat Length	Pyramid Anchor	Bottom Chain	Top Chain	Pendant
<13feet	70 lbs.	1/2 inch	3/8 inch	1/2 inch
13-18	135	1/2	3/8	1/2
19-21	200	1/2	3/8	5/8
22-25	300	1/2	3/8	5/8
26-27	400	5/8	3/8	5/8
28-32	500	5/8	1/2	1
33-39	700	3/4	1/2	1
40-50	1000	3/4	5/8	1

1. Bottom chain length: at least 1-1/2 times high tide depth.
2. Top chain length: equal to high tide depth.
3. Pendant: 2-1/2 times the distance from the bow chock to the water, plus the distance from the chock to the mooring cleat. Adequate chafe guards should be used.
4. All shackles and swivels should be of equal or larger size than the chain used, properly seized with nylon ties. Do not use dissimilar metals such as stainless steel wire because of galvanic action.
5. If your buoy has a galvanized rod through it, the pendant should be shackled into the top chain below the buoy so the strain is not carried by the rod.
6. Buoys must be white with a blue band around the circumference and display the annual permit decal and weight of the mooring anchor. Name of vessel or permittee on the buoy is optional.
7. Moorings must be pulled and visually inspected every third year by an approved inspector.
8. Winter sticks must be white, marked with permit number, visible at least two feet above the surface at all times, and should be removed by May 31. No wooden winter sticks allowed.

These are minimum requirements and cannot ensure vessel security, especially during severe coastal storms. Heavier tackle than the minimum is recommended. Neither the Harbor Master nor the Town of East Lyme assumes any liability for personal injury or property damage caused by the use of mooring tackle which meet or exceed these standards. Mooring owners are responsible for damages caused by failure of their mooring.