

TOWN OF FAIRHAVEN HARBORMASTER DEPARTMENT

MOORING TACKLE SPECIFICATIONS

Mooring tackle should meet the following requirements. Responsibility lies with the mooring permit holder to meet or exceed these guidelines, and to provide a mooring adequate for his boat in the location where the mooring is located. The mooring permit holder and the boat owner are responsible for the safety of the mooring, and the Town assumes no responsibility for damages.

MOORING WEIGHT

To determine the minimum weight of a mushroom mooring, multiply the length overall (ft) by the beam (ft). The product is the minimum mooring weight in pounds.

LOA (ft) X Beam (ft) = Minimum Mooring Weight (lbs)

Example: Boat length 31 ft., beam 10 ft. $31 \times 10 = 310$ lbs. minimum weight.

Use next larger weight.

Mushroom anchors are recommended, unless the owner can demonstrate holding power adequate for his boat.

MINIMUM CHAIN SIZES

BOAT LENGTH	HEAVY CHAIN SIZE	LIGHT CHAIN SIZE
Up to 20'	3/8"	3/8"
21'to 25'	1/2"	3/8"
26' to 35'	5/8"	1/2"
36'to 45'	3/4"	5/8"
46' to 50'	1"	5/8"
Over 50'	Consult Harbormaster	

Light chain length to be equal to depth of water at mean high water plus 5 (five) feet.
Heavy chain length must be equal to 2 (two) times the depth of water at mean high water.

Total mooring length, chain plus pennant, to be a minimum of 5 (five) times the depth of water at mean high water.

CONTINUED

MINIMUM PENNANT DIAMETER

BOAT LENGTH	PENNANT DIAMETER
Up to 16'	1/2" Nylon
17' to 24'	5/8" Nylon
25' to 36'	3/4" Nylon
37' to 50'	1" Nylon

Mooring pennant should not exceed the length of boat.

Moorings are to be constructed so that chain runs through a float at the surface. Mooring pennants must be connected to the chain above the float.

Thimbles shall be used in all slices, fastenings, shackles, etc. Chafing gear at least 1 (one) foot long shall be used on each pennant. Shackles shall be properly wired to prevent pins from backing out. Above specifications are minimum. In exposed areas, where appropriate, extra weight may be necessary.

MOORING MARKING IDENTIFICATION

The last name of the owner/permit holder and the assigned mooring permit number shall be permanently and legibly displayed on the mooring buoy or winter spar in block characters (letters and Arab numerals) of at least one (1) inch in height and must contrast in color with the background. All mooring permit numbers are permanently assigned. The number will not change from year to year.

INSPECTION OF MOORINGS

All moorings shall be inspected and approved by a qualified person before being placed in service in the waters of the Town of Fairhaven. All moorings and mooring tackle shall be inspected at least once every two years by a qualified person. The Harbormaster may, at any time, inspect any mooring; and may remove or cause to be removed any mooring that fails to meet the provisions of these regulations or Town Bylaws.

Regulations as of January 2005