

Mooring Inspection Form - Town of Nahant

Mooring Owner (name and address):

Mooring Permit Number:

Mooring Type:

Mooring weight:

Top chain diameter & length:

Bottom chain diameter and length:

Please note: The top chain (riser chain) must be at least equal to the maximum water depth plus 5'. Bottom chain (heavy chain) must be at least 1.5 times the maximum water depth.

Pendant length and diameter:

Please note: the mooring pendant shall be at least 3.0 times the distance between the bow cleat and water line (via the bow chock) and must not exceed 50% of the LWL

Mooring condition and design:

	<u>Good</u>	<u>Defect found</u>
Pendant / thimble /chafing gear		
Shackles		
Swivel (not required)		
Chain (top)		
Chain (bottom)		
Mooring		
Mooring Ball		
Name/permit# on ball?		

Describe any defects in mooring condition or design:

Have defects been repaired?

Inspection Type (hailed up or diver):

Inspection Date:

Mooring Inspector (print and sign):

Town of Nahant Mooring and Mooring Inspection Guidelines

- 1. Moorings shall receive a full top to bottom inspection every two years.**
- 2. The inspection must be conducted by either an approved mooring inspector or by the mooring owner.**
- 3. The full inspection must include lifting the mooring out of the water or as an alternative, a scuba diver may determine the mooring condition without lifting it. Fill out and submit this form to the Harbormaster once the inspection is complete.**

Mooring- the mooring weight and type should be in accordance with Harbormaster guidelines with respect to minimum requirements. Additional details on the Harbormaster web page at Nahant.org

The mooring eye and/or shaft must not be deformed, bent, or damaged and must not be reduced more than 33% by wear or defect from the original diameter when new.

Chain- Mooring chain should be in accordance with Harbormaster guidelines with respect to minimum requirements. Chain links that are deformed and/or worn (reduced) 33% or more from the original diameter when new must be replaced. Additional details are on the Harbormaster web page at Nahant.org.

Please note: The top chain (riser chain) must be equal to the maximum water depth plus 5'. Bottom chain (heavy chain) must be at least 1.5 times the maximum water depth.

Shackles- shackles should be at least one size larger in diameter than the chain. Shackle pins must be seized with wire and/or wire ties, or welded to prevent accidental removal due to wear. Shackles exhibiting more than 15% wear or a loose fit around the shackle pin must be replaced.

Swivel- swivels are not required. If installed by the owner they must be mounted at the top of the riser chain for inspection purposes.

Pendant- pendants that have chafed, been cut, or begun to unlay must be replaced. Chafing gear must be seized in place by cord or wire ties and be in good condition.

The mooring pendant shall be at least 3.0 times the distance between the bow cleat and the water line (via the bow chock) and not exceed 50% of the LWL

Mooring Ball- mooring balls must be white and should include a blue band. The mooring ball must be at least 50% above the surface of the water at all times. The mooring permit number must be clearly visible. Note: winter buoys are not allowed between June 1st and November 1st. Any mooring in violation will be considered abandoned and subject to removal by the Nahant Harbormaster.