

City of Newport Beach
OFFSHORE MOORING SPECIFICATIONS
January 2022

1. All mooring weights must be metal.
2. All chain must be a minimum of Grade 30 Proof Coil steel chain. Chain size specifications must be adhered to regardless of chain grade. Top and bottom chain must be shackled together to form one continuous length. Material other than steel chain may be used only upon written approval of the City of Newport Beach (“City”) Harbormaster or his or her designee (collectively, “Harbormaster”).
3. All mooring buoys must be: (1) the “tube-style” type (tube down the center of the buoy) or of such type as approved by the Harbormaster; and (2) painted in compliance with State and Newport Beach Municipal Code requirements, displaying numbers assigned by the Harbormaster. Any existing “ring-style” type buoys in use as of the date above may continue to be used if a safety chain is attached to the vessel, independent of the buoy, to prevent the vessel from swinging during buoy failure.
4. Vessels must be moored fore and aft except in exposed areas designated as single point areas.
5. The required chain length will be determined by the Harbormaster and is governed by the depth of water in various mooring areas.
6. Sand-line moorings may be allowed upon written approval of the Harbormaster.
7. The length of any vessel attached to a mooring must be equal to or less than the City approved mooring length.
8. If a mooring fails (i.e., moves) due to insufficient weight, the mooring permittee shall immediately increase the mooring’s weight by at least 20%.
9. Minimum mooring weight, chain size, and line requirements are as follows:

Mooring Length (feet)	Mooring Weight* (pounds)	Bottom Chain Size* (inches)	Top Chain Size* (inches)
20'	500	1/2"	1/2"
25'	650	1/2"	1/2"
30'	750	1/2"	1/2"
35' or 20' MVMS	1,000	5/8"	1/2"
40' or 40' MVMS	1,500	5/8"	1/2"
45'	2,000	3/4"	1/2"
50'	2,000	3/4"	1/2"
55'	2,500	3/4"	1/2"
60'	3,000	3/4"	1/2"
65'	3,000	1"	1/2"
70'	3,500	1"	5/8"
75'	3,500	1"	5/8"
80'	4,000	1"	3/4"
85'	4,500	1"	3/4"
90'	5,000	1"	3/4"
95'	5,000	1"	3/4"

* Weight and chain size shown in this table are minimums. Mooring permittee may adjust upward.

Minimum Line Requirements		
Length of Boat in Feet	Diameter of Nylon or Dacron in Inches	Length of Line Not to Exceed
18' to 20'	1/2	10 Feet
20' to 25'	1/2	10 Feet
25' to 30'	5/8	10 Feet
30' to 40'	5/8	12 Feet
40' to 50'	3/4	15 Feet
50' to 70'	1	15 Feet

**City of Newport Beach
ONSHORE MOORING SPECIFICATIONS
November 2017**

1. All mooring weights shall be metal.
2. Posts are not allowed for onshore moorings unless there is not a wall for securing the mooring.
3. Onshore moorings should connect directly to the seawall with an eyebolt.
4. Buoy and post / eyebolt shall have a pulley attached with a line of not less than 3/8 inch diameter at all times. Vessel is to be moored securely thereto, bow and stern and must not be left on the beach.
5. All mooring buoys shall be of such type as approved by the Harbormaster, painted in compliance with State and Newport Beach Municipal Code requirements and displaying numbers assigned by the Harbormaster.
6. Minimum mooring weight and chain requirements are as follows:

<u>Length of Boat</u>	<u>Weight of Mooring</u>	<u>Size of Chain</u>	<u>Length of Chain</u>
12 feet	200 pounds	3/8 inches	25 feet
15 feet	250 pounds	3/8 inches	25 feet
18 feet	300 pounds	3/8 inches	25 feet