



Harbor Department
PROPOSED Mooring Anchor and Tackle Specification Table
 Revised March 2026

Mooring Length (feet)	Mooring Weight* (pounds)	Bottom Chain Size* (inches)	Top Chain Size* (inches)	Helical Anchor Shaft Size (inches)	Helical Anchor Plate Diameter (inches)	Helical Anchor Safe Working Load (pounds)	Elastic Tackle Working Load Limit (pounds)
18'	300	3/8" and 25'	N/A	1.5	Double 8/10	3,150	2,200
20'	500	1/2"	1/2"	1.5	Double 8/10	3,150	2,200
25'	650	1/2"	1/2"	1.5	Double 8/10	3,150	3,600
30'	750	1/2"	1/2"	1.5	Double 8/10	3,150	3,600
35' or 20' MVMS	1,000	5/8"	1/2"	1.5	Double 8/10	3,150	5,400
40' or 40' MVMS	1,500	5/8"	1/2"	1.5	Double 8/10	3,150	5,400
45'	2,000	3/4"	1/2"	1.5	Double 8/10	3,150	7,800
50'	2,000	3/4"	1/2"	1.5	Double 8/10	3,150	7,800
55'	2,500	3/4"	1/2"	1.5	Double 8/10	3,150	10,800
60'	3,000	3/4"	1/2"	1.5	Double 8/10	3,150	10,800
65'	3,000	1"	1/2"	1.5	Double 8/10	3,150	14,000
70'	3,500	1"	5/8"	1.5	Triple 8/10/12	6,200	14,000
75'	3,500	1"	5/8"	1.5	Triple 8/10/12	6,200	17,500
80'	4,000	1"	3/4"	1.5	Triple 8/10/12	6,200	22,000
85'	4,500	1"	3/4"	1.5	Triple 8/10/12	6,200	22,000
90'	5,000	1"	3/4"	1.5	Triple 8/10/12	6,200	26,000
95'	5,000	1"	3/4"	1.5	Triple 8/10/12	6,200	30,000

* Weights and dimensions shown in this table are minimums. Mooring permittee may adjust upward.
 Elastic Tackle shall be connected to Bottom Chain sized for the mooring length according to the table