

**2016 TOWN OF YORK  
MOORING & FLOAT RIG SPECIFICATIONS  
YORK HARBOR**

**Free Swinging Moorings**

1. Block – Granite or equivalent reinforced concrete block sized as follows:
  - Vessel up to 25' 500-1000 lbs
  - Vessel 26' - 45' 1500-2500 lbs
  - Vessel Over 45' 3000 lbsPyramid style block is acceptable above Sewall's Bridge. Use the manufacturer's specifications for block size.
2. Mooring Scope to buoy – 10 feet over high tide
3. Make up of Scope
  - A. Chain - from block upward
    - Vessels under 25' -- Minimum 3/8" chain/nylon equal in length to depth of water at low tide.
    - Vessels 26' to 39' --- Minimum 1/2" chain/nylon equal in length to depth of water at low tide.
    - Vessels 40' & over -- Minimum 5/8" chain/nylon equal in length to depth of water at low tide.
  - B. Nylon - from chain to buoy
    - Vessels up to 25' --- 1/2"
    - Vessels 26' – 40' -- 5/8"
    - Vessels 40' & over -- 3/4" – 1 1/4"Nylon line must be spliced at both ends.
  - C. Pennant – Nylon; same diameters as above; length – 2.5 times choke to waterline distance, spliced at both ends
4. Swivels and Shackles
  - With 3/8" chain --- 1/2" swivels; 7/16" shackles
  - With 1/2" chain ----- 5/8" swivels; 1/2" shackles
  - With 5/8" chain ---- 3/4" to 1 1/4"Shackles required --- block to chain; chain to nylon – nylon to buoy; buoy to pennant.
  - Replacement mooring must meet or exceed present system.
  - Mooring balls need to be painted white with stripe.
5. Mooring Scope – Floats shall be moored with 1/2" nylon from block to float – spliced and shackled at both ends. Length – maximum water depth at high tide, plus five feet.
6. A 1000-1500 lb. block shall be placed at each corner of every 20 lineal foot of moored float.
7. If tide, wind, current or vessel characteristic cause unusual float drifting, additional mooring blocks may be required to keep the float in line.
8. Mooring **Inspections are required every other year** at the beginning of the current season by a Harbor Master approved inspector.