

## **PSA Anchor and Mooring Standard**

This standard is established by the PSA Board of Directors in order to ensure vessel safety, security, quality control of components and to minimize the risk to all vessels during extended mooring periods including extreme weather conditions common to the Chesapeake Bay. This Standard is considered the minimum requirements taking into account past experience, number of vessels, geographical region, water and ground conditions and nominal vessel size (32 Feet). Monohull Vessel size not to exceed 40 feet on deck, Mfg. displacement not to exceed 23,000 Lbs, multihulls not to exceed 30 feet L.O.A. & 20 foot beam. The following mooring components and configuration comprise the basis for the PSA Anchor and Mooring Standard:

- 500 Lb Pyramid Anchor/equivalent or greater anchor system
- 12 to 15 Feet (depending on mooring) of 1/2" High Tensile Carbon Chain of Grade 40/43, stamped G40.
- Forged Alloy Screw Pin Shackles (5/8" with 3/4" Pins), 5 Ton working load rating.
- Mooring Pendant, 12 feet long 3/4 inch diameter polyester, nylon or equivalent, with spliced loops and eyes
- Hard-shell Styrofoam float.

This standard is subject to revision or interpretation by the Board of Directors based on changing conditions in the mooring field, boat size, lessons learned and extreme changes in weather. Each member is ultimately responsible for vessel safety, chafe gear, insurance, registration and condition. The Fleet Captain is responsible for recommending to the board, mooring configuration changes to accommodate changing material conditions, weather and vessel risk that could compromise the mooring system or safety to others.