

Are you a new boat owner with limited experience, moved up to a larger yacht, or just need a better understanding of basic systems, operation of the yacht, maintaining it, critical systems and required safety equipment?

M&M Boat Services, LLC can provide assistance and orientation for yacht and boat owners. Our Captains are experienced and knowledgeable, and will ease new owners into boat ownership and build confidence by providing guidance on systems operation and maintenance requirements, and ensure that owners get the most out of their time on the water.

Owner Training & Vessel Orientation Services

Outline of Topics & Content

- Boat & Systems Familiarization
 - Adjusting Lines & Fenders
 - What size mooring lines or fender should I use
 - General boat systems familiarization
 - Where are my Seacock's located – why is this important?
 - Bilge Pumps & where are they located - why is this important?
 - Main Engines – checks, starting/stopping
 - Generator – checks, starting/stopping and shifting power
 - Boat Electrical Systems – 12VDC, 24VDC & 110VAC, 220VAC / What do I have?
 - (3) power sources – shore, generator, house batteries
 - Shifting from shore to vessel power (generator or house batteries)
 - Thrusters and Controls
 - Helm Stations & Electronics
 - Anchors, Windlass and controls
 - Energizing Electronics and What is everything for?
- USCG/State Boating Requirements & Safety
 - What Safety Equipment Do I Need
 - Where is my safety equipment located?
 - Boater Etiquette on the Water
 - No Wake & Minimum Wake Zones!
 - Safe Boating Course Options
 - About Boating Safety (everyone) 8-hours
 - Boating Skills & Seamanship (power boaters) 8 + 5 elective sessions
 - GPS for Mariners
 - Weekend Navigator (everyone) 8 - 13 sessions
 - What do I do in an emergency?
 - ✓ Fire
 - ✓ Flooding
 - ✓ “Man” Overboard
- Before Getting Underway (Leaving the Dock)
 - U/W Checklist
 - Float Plans
 - Basic line handling and safety
 - Common mooring arrangements
 - Making up a cleat (bitter end or eye of the line)
 - Where do I put my fenders when mooring?
 - Boat Controls & Reactions of Yacht

- Getting Underway & Mooring
 - Line handling when getting U/W or Mooring
 - Communication (operator & line handlers)
 - Safety – you cannot out power the boat!
- Storm / Foul Weather preparations
- Using the VHF Radio
 - Mayday Calls / Emergencies
- Basic safety systems testing
 - Bilge Alarms
 - Bilge Pumps/Switches
 - Vessel “Whistle”
 - Smoke/fire detection devices
 - Fire Extinguishers – portable/fixed
 - Throwables & PFD’s
 - Carbon Monoxide Detectors
 - Other Safety Equipment as required by USCG
- System checks – what to check and how often
 - Engines
 - Generators
 - Davits
 - Anchor Windlass
 - Steering
 - Pre-Underway checks
 - Tender Engine(s)
- To clean the bottom or not?
 - Water temp, bottom growth, life of bottom paint, frequency of cleaning
- Wash Downs – how often and
- Waxing - gel coat vs paint - recommendations
 - Gel Coat – At least annually
 - Painted – At least semi-annually
- MSD – Holding Tanks – “What’s that Smell?”
 - Treatment and maintenance
 - Pump out – how & where (or where NOT?)
- Bilges & pumps – where are they and what are they for?
- Humidity – keeping mold & mildew out
 - Running the AC’s
 - Using a dehumidifier
- AC’s - Cleaning the strainer(s) (Why, how and how often?)
- Battery Checks – lead acid vs AGM/Gel Cell
(do I need to check them?)

What size Line Do I Use?

The size, length, and type of line will depend on a number of factors including the length, weight, and type of boat. *The below information is intended as a guide ONLY* and was produced by various line manufacturers. Docking in exposed waters, strong winds, or tides may require larger or additional lines.

Boat Size	Up To 24'	25' to 34'	35' to 49'	50' to 65'
Rope/Line Size	3/8"	1/2"	5/8"	3/4"
3-Strand Tensile	4,250 lbs.	7,500 lbs.	11,650 lbs.	17,150 lbs.
Double Braid Tensile	4,800 lbs.	8,000 lbs.	13,100 lbs.	20,500 lbs.