

All Heart Quick Start

GETTING UNDERWAY

1. ENGINES – DAILY CHECKS BEFORE CRUISING

- a. Conduct a visual check under and around both engines.
- b. Check engine oil level on dipstick when engines are COOL (take 2 readings); ONLY add oil if level is BELOW mid-point on dipstick.
- c. Check coolant reservoir level – should be just above “LOW” when engines are COOL.
- d. Check salt water strainer for foreign debris; clean out if necessary. (Seacocks for engine cooling water are always left OPEN and do not need to be checked.)
- e. Check fuel filter for water in bottom of bowl (in cabinet next to engine cover).
- f. Check fuel level gauges at lower helm (turn Instruments breaker ON to view)

2. GENERAL PREP & CRUISE PLANNING

- a. Check weather, review charts and plan your course.
- b. Stow front window sunscreen in Deck Locker #2; close & lock all foredeck hatches.
- c. Secure Dinghy (**Minimize movement underway – see Owners Notes for details.**)
- d. Confirm all windows & portholes are closed; secure salon curtains for visibility.
- e. Prep **FLYBRIDGE Helm**: connect corded VHF radio MIC (**Ensure main VHF radio is OFF**); stow covers & loose gear; verify seat cushions and BBQ cover are secure.
- f. Prep **LOWER helm**: turn **ON Instruments, Electronics** breakers at sub panel; turn **VHF radio** and **Chart Plotter ON** (confirm your GPS position and “acknowledge” any plotter or depth gauge startup warning messages).
- g. Ensure everyone on deck has a **PFD ON** and is clear on the departure plan.

3. DISCONNECT SHORE POWER

- a. Turn main 120V AC breaker on boat **OFF**. (Leave main DC breaker **ON**)
- b. Turn AC breaker at dock pedestal **OFF** and disconnect shore power cable. (**Always disconnect cable at DOCK FIRST to avoid moving a live cable.**)
- c. Disconnect shore cable at boat, coil and stow in Deck Locker #3.

4. STARTING ENGINES

- e. Confirm salon door and all windows & ports are closed.
- f. Confirm both gearshift/throttle levers are in **NEUTRAL** at lower helm.
- g. Turn ignition key **ON** to start both engines (preheat is NOT required) and immediately verify **cooling water** is exiting port & starboard exhausts.
- h. Allow engines to **warm up** briefly; verify normal oil pressure on both engines.
- d. Confirm PROsine panel “**Charger**” switch is **ENABLED** to charge batteries. (PROsine “**Inverter**” switch should be **OFF**.)

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5. CASTING OFF & GETTING UNDERWAY FROM DOCK

- a. Perform **ALL** maneuvering from **FLYBRIDGE Helm** for best visibility and communication. Check for lines or obstacles in water near boat before departing.
- b. Cast off **Spring** lines first; **Bow** line next; **Stern** line last. Up to 4 knots, maneuver boat slowly using ONLY the two throttle/gearshift levers. Avoid acceleration surges.
- c. Stow fenders in bow fender holders or in Deck Locker #1. Coil dock lines and stow in Deck Locker #3... or coiled & looped on boat rails.
- d. **Nav & Safety Officer** — monitor course, depth and boat heading; **keep a sharp eye out for logs, vessels, rocks, kelp, and seaweed at all times when underway!**
- e. **NORMAL cruise: 1800-2200 RPM (6-8 knots); FAST Cruise: up to 2800 RPM (10-12 knots).** NOTE: **Do not exceed 2800 RPM for more than 1 hour out of 8.**
- f. To engage Autopilot, push the “**PILOT**” button... **(CAUTION: To re-engage MANUAL steering, you must DISENGAGE the Autopilot by pushing the “**STANDBY**” button!)**

DOCKING AT MARINA

1. DOCKING PROCESS

- a. Place fenders and dock lines in position on docking side well in advance.
- b. Perform **ALL** maneuvering and docking from Helm.
- c. Use only the throttle/gearshift levers to maneuver in tight quarters under 4 knots; maneuver SLOWLY; avoid any acceleration surges.
- d. Secure **STERN** line first; **BOW** line second; then set two “firm” **SPRING** lines to prevent fore / aft movement.
- e. When bow & stern lines are secure, turn both engines **OFF** at LOWER helm... push **STOP** buttons first (low oil pressure alarm will sound); then turn ignition keys **OFF**. Do not remove either set of helm ignition keys.
- f. Turn **Chart Plotters OFF** at both helms; then turn **Instruments & Electronics** breakers and **VHF Radio OFF**; use canvas to protect Flybridge Helm and seat from sun or rain.

2. CONNECTING TO SHORE POWER

- a. Confirm AC “**Shore 1-30 amps**” breaker is **OFF** before connecting to shore power.
- b. Connect shore power cable (stored in deck locker #3) to **LOWER AC INLET** on boat. **(Always connect cable to BOAT FIRST to avoid moving a live cable.)**
- c. Connect power cable to **30 amp AC outlet at dock**; turn AC outlet breaker **ON**.
- d. Turn boat’s main AC breaker **ON**; immediately check AC panel for RED reverse polarity light. If AC breaker light is **GREEN**, proceed. If not, contact Marina for help.
- e. Confirm AC panel double “**INVERTER/CHARGER**” breaker is **ON**.
- f. Confirm **PROsine panel “Charger”** switch is **ENABLED**; confirm house batteries are charging on **Blue Sea M2** battery monitor.