

## ***Hele Mai*** – Quick Reference

Here is the list of most frequently-asked questions about *Hele Mai's* operating systems. We hope that these answers will help you enjoy your stay even more on her. If you ever have questions on operations or procedures, please refer to the Operating Manual (which should be found in the pilot house) or contact Craig Cooper or San Juan Yachting.

1. **Inverter / Battery Charger:** The control panel is located above your head at the forward, port corner of the pilot house. The inverter should be left on at all times and the settings should not be changed. When you plug into shore power either forward or aft, you only need to select Shore 1 or Shore 2 on the AC panel and the inverter will automatically switch to the bulk charge mode. When you unplug from shore power it will return to the inverter mode. The battery charger circuit breaker on the AC panel should be OFF at all times.
2. **Generator:** When underway – or when moored, docked or anchored where there is no shore power – please turn the AC panel selector to Generator.
  - If you use the generator, please turn off the water heater and washer/dryer circuits on the AC panel before starting the generator. If not, there is a possibility of overloading the generator circuit breaker located inside the generator sound shield. If you have no generator power, you should turn off the generator, open the sound shield and reset the breaker.
  - Once the generator is warmed up and running, you may turn on the water heater and whatever else is needed and the inverter will automatically change to bulk charge, just as it would on shore power.
  - If the battery voltage drops below 11.9 volts between the hours of 8:00 AM and 10:00 PM, the generator should start automatically and recharge the batteries, provided that the selector is set to Generator. If the selector is not set to Generator, the generator should start, but will not charge. *Note: it is far better to monitor your battery voltage and use the generator yourself, rather than to rely on the automatic charge feature!*
3. **Steelhead Crane:** **Hele Mai** has a Steelhead crane for launching the dinghy from the top deck.
  - The crane power switch is in the salon; you will find it on the forward side of the aft salon settee, approximately a foot above the cabin sole. This switch must be in the ON position for the crane to function. The remote control cable is located in the port storage compartment next to the fly bridge helm.
  - The crane length is set properly. The crane height is adjusted using a silver, spring-loaded pin on the underside of the crane. It should be locked into the 6<sup>th</sup> hole to clear the rail. i.e., you will see 5 holes exposed between the pin and the base of the crane.

- **Be sure to install the drain plug aft, at the bottom of the bilge, before launching the dinghy!**
  - Be careful to keep the dinghy from hitting the sharp metal top deck drains when lowering and raising the dinghy, and never allow anyone to be in the dinghy while it is attached to the crane!
- 4. Shower Sump:** The shower sump circuit breaker should ALWAYS be left ON. It is located on the DC side of the main electrical panel in the pilothouse. It must be on at all times to avoid flooding the bilge.
- 5. NAIAD Stabilizers:** *Hele Mai* is equipped with computer-controlled stabilizers that will greatly improve your boating experience. The design of the stabilizers will not allow them to strike the dock when docking. They are located amidships and do not extend past the sides of the vessel. They extend downward about four feet at a 45-degree angle.
- The stabilizers must be turned on any time the vessel will be operated under power. If you operate *Hele Mai* without them on, they will create excess drag and could be damaged. Once underway, if you prefer not to use active stabilization, you should leave them in the Centered position.
  - Before starting the engines, turn on the DC circuit labeled Stabilizer. Never turn on the stabilizers once the port engine is running or damage will result. Once the port engine is running, the stabilizers will have hydraulic power they need to operate.
  - Next, locate the NAIAD control panel located overhead in the pilothouse, just port of the helm, and press “Center.” This centers the fins and allows unobstructed low-speed maneuvering. Once in open water and up to cruising speed, press “Active.”
  - When slowing down – for example when entering a harbor or maneuvering at idle – press “Center” again. If you do not press center, they will fight your docking maneuvers; they are especially problematic if you are in reverse.
  - The Roll Angle knob determines how far the fins rotate and the Roll Rate knob regulates how fast the fins react. Always start with both arrows on the knobs straight up and adjust as needed.
- 6. Internet / Broadband Express:** Any time you are in a Marina that has BBX and want to use the internet, you can use Hele Mai’s account. The username is **mchardon** and the password is **helemai2012**. This is a free service for guests aboard *Hele Mai*. Please do not give this password to anyone other than your guests.