

Fair Winds

Quick Start Guide

2008 Island Packet 370

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FORWARD

Dear Charter Guests:

Welcome aboard *Fair Winds*, we know you'll have a wonderful charter experience in the beautiful Pacific Northwest. This document provides a "Quick-start" guide to get you familiar with the systems, features and capabilities. It's intended to accompany the Owners' Notes to provide a quick reminder of where to find or how to do something. Items are listed alphabetically; just refer to the Table of Contents to look up any specific topic. For more detailed instructions on each item, refer to the Owners' Notes. Please let us know if you have any questions or comments on these documents. We want your time onboard *Fair Winds* enjoyable and memorable.

Should a question/problem arise while on your charter, here is our contact information. Please start by contacting San Juan Sailing but if they're not available don't hesitate to reach out to the maintenance professionals to assist you.

- San Juan Sailing office: 360-671-4300 / 800-677-7245
- Maintenance professionals (MazOcean Pacific): Jonathan Allison: 954-253-4005

We wish you smooth seas and *Fair Winds*!

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Anchor & Windlass

- Standard scope ratio in the Islands is 4:1. Average anchorage depths at high tide are ~25-30 feet equating to ~100-120 feet of chain rode.
- Windlass breaker in main salon on the port side (small **black** panel); windlass should only be used while the engine is running.
- Chain is marked with yellow polypropylene line woven in the chain. A placard is located inside the anchor locker. The key color key is:
 - **1st Yellow 25 ft.** (average bottom depth of many anchorages)
 - **2nd Yellow 50 ft.**
 - **3rd Yellow 75 ft.**
 - **4th Double Yellow 100 ft.** (common scope length – 4:1 for 25' water depth)
 - **5th Yellow 125 ft.** (common scope length – 4:1 for 305' water depth)
- Proceed very slowly when anchor is clear of the water to avoid hitting the hull with a swinging anchor; pulse the windlass in short bursts; use the boat hook to fend off a swinging anchor.
- Snubber line (stored in anchor locker) should be hooked to the chain and cleated with slack in the anchor chain so all the load is on the snubber and not the windlass when the anchor is deployed.
- When retrieving the anchor, distribute chain “mountain” with wooden dowel (stored in anchor locker).
- Don't use the windlass to fully seat the anchor (stresses the windlass). Instead, bring the anchor to the roller and pull it in by hand to seat it; take up the slack in the chain by pulsing the windlass.

Barbeque

- Open propane tank regulator; open gas valve for BBQ (small **red** handle, bottom of propane locker).
- Activate solenoid switch in galley (left of oven; controls gas to both stove and grill).
- Push-in and rotate valve to HIGH; light with push-button piezo lighter; rotate valve to set temperature.
- Turn off stove solenoid when done. Close **red** BBQ valve if you're not going to be using it.

Batteries, Battery Switches & Breakers

- Batteries under aft port cabin bunk; battery switches on aft port cabin bulkhead.
 - Ground (**black**) – always “ON.”
 - House batteries (**red**) – always “ON.”
 - Engine batteries (**red**) – “ON” to run engine; “OFF” if leaving boat while docked (to prevent theft). **Never** turn OFF while engine is running (serious damage can result).
 - Windlass (**yellow**) – always “ON.”
- Check battery voltage levels using LCD toggle switch on electrical panel. Don't let charge drop below 12.1 volts; run engine ~1 hour at 1100 RPM to recharge if shore power not available.

Bow Thruster

- Press Left (**red**) and Right (**green**) buttons simultaneously to turn “ON / OFF;” will turn itself off after ~15 minutes of inactivity.
- Left (**red**) button moves bow to **left**; Right (**green**) button moves bow to **right**.

- Operate in short bursts to avoid draining battery (which is separate from house batteries).

Chart Plotter Multi-Function Display (MFD) & Other Instruments

- To activate the Zeus² MFD and all instruments (including depth sounder, knotmeter, and radar):
 - Turn “ON” Navigation Instruments switch on electrical panel.
 - Press the “POWER” button on the Zeus² MFD.
 - Tap “ACCEPT” to accept the software license agreement.
 - Turn on the Garmin display and autopilot controller at the port helm also.
- Radar is turned ON/OFF and put into Transmit/Standby modes from the Zeus².
- To deactivate the Zeus² MFD and other instruments:
 - Press and hold the “POWER” button on the Zeus² MFD for a couple of seconds.
 - Turn off the Navigation Instruments switch on the electrical panel.

Cushions

- Main salon – Please loosen Velcro tabs with fingers before pulling cushions away.
- Cockpit – Stored in an aft cabin; please store flat. Only clean with damp cloth and soapy water.

Dinghy

- Tow the dinghy ~5 feet off the stern so the bow rides out of the water. Cleat it to the starboard stern cleat for towing (this keeps it away from the engine exhaust).
- Tow with the self-bailing valve in the stern open; close it when you’re ready to use the dinghy.
- Please don’t tow with the outboard engine mounted on the dinghy.
- Avoid driving dinghy onto the beach; stop short of the beach and lift dinghy over rocks.
- Use the **black** adapter on the foot pump to add air to the main chambers; use the **grey** adapter to add air to the centerline “keel” chamber (foot pump stored in starboard cockpit lazarette).

Dodger, Bimini

- Wash “Plexiglas” windows with copious fresh water to remove salt. Pat dry with microfiber cloth or let air dry.
- Please don’t lean against dodger windows as this can scratch them.

Electrical Panel Switches

- A/C outlets – “ON” when on shore power or running Inverter. **NOTE:** there is a master switch that controls the A/C outlets located under the Nav table. It must be ON for the outlets to work.
- Anchor light – “ON” at night when at anchor.
- Battery charger – “ON” whenever connected to shore power (batteries won’t charge otherwise).
- Bilge – Always on “AUTO.” Test by switching to “ON” and confirm bilge pump is running.
- Hot water – “ON” when on shore power if you need hot water.
- Inverter – “OFF” except when needed for AC appliances while running on batteries.
- Navigation Instruments – “ON” while underway; turn off after turning off the MFD.
- Refrigerator – Leave “ON” unless batteries are dipping below 12.2 volts.
- Shore Power – No switch *per se*, “ON” whenever connected to shore power.
- Water Pressure – “ON” while anchored or docked (you can hear pump working). “OFF” while underway except when needing to use water.
- Toggle LCD display to cycle through battery charge (Domestic, Engine), water and fuel tank levels.

Emergency / Safety Equipment

- Adult PFDs in each cabin.
- Lifesling on starboard cockpit rail.
- Fire extinguishers located 1) in Salon hanging locker, 2) under Galley sink and 3) in after cabin.
- Flashlights mounted at Nav Station and shelf near companionway ladder.
- First aid kit (small) in starboard cabinet near TV and First Aid Kit (large) in emergency kit; emergency flares, air horn spare tank, spare seacock plugs in “Emergency” plastic bin behind starboard salon cushions; air horn in aft port cockpit lazarette locker. Primary seacock plugs located with thru-hulls throughout the boat.
- Carbon monoxide (CO) detector mounted on starboard salon hanging locker.
- Emergency tiller in starboard lazarette locker (rudder post access under the helm).
- Manual emergency bilge pump located next to starboard helm; handle in aft starboard cockpit locker.
- Secondary anchor & rode plus “polypro” stern tie line located in starboard lazarette locker.

Engine

- Start
 - Visually inspect the engine at start of each day (use access door on the starboard side). Clean water strainer as needed.
 - Confirm **red** engine battery switch in aft port cabin is “ON.”
 - Confirm throttle lever is in the neutral position (straight up and down).
 - Insert power key and turn switch to the right.
 - Press bottom **black** “START” button on engine control panel at port helm.
 - The engine should start immediately.
 - Check for water pumping out of exhaust.
 - Allow engine to run in Neutral for a few minutes to warm up before using.
 - Stop
 - Allow engine to run in Neutral for ~5 minutes to cool down.
 - Press **red** “STOP” button on the right to stop engine.
 - Turn “POWER” button until engine fan falls silent.
- *Never press the START button while the engine is running.*
- *Never turn off the engine battery switch while engine is running.*

Fuel

- Fuel gauge (analog) on fuel tank behind access panel at the bottom of the companionway ladder. Fuel tank capacity is 55 gal.; engine consumes ~1 gal/hr @2500 RPM.
- Fuel filler cap located on the port side deck midship.
- Fill slowly, do not overfill – at first sound of “gurgle” in fill pipe **STOP**, check gauge; tank should be full; if not add more fuel slowly.
- Plan a refueling stop at one of the fuel docks in the Islands once tank reaches ½ full.

Heads, Showers & Holding Tanks

- Sinks & showers use fresh water; marine toilets use raw water.
- Shower has a **sump pump** to drain water; breaker for the pump is on the DC electrical panel and should be “ON” all the time. If the sump pump is not “ON” (automatic mode) the small holding tank will quickly fill and cause flooding.
- There is also a swim deck shower with hot & cold water, located below the starboard helm.

- Don't put anything down a marine toilet that hasn't gone through the sailor first. Baggies are provided for disposing of used toilet paper and other disposable products.
- **Please flush a ½ cap-full of "No Flex" holding tank treatment into each tank, each day.**

Heater (Diesel)

- Controls for the forced air diesel heating system located next on the starboard hanging locker.
- Heater ON/OFF: Press power button on the right and hold for 2 seconds; LED light will be orange when ON.
- The button just to the left of the power button controls the fan motor. There's not reason to use this button. The fan button could be used to move air but there are 7 DC powered fans that work better for that use.
- Temperature setting: rotate the dial to choose your temperature. 3.5 is equal to about 68 degrees F.

Icebox

- There are 2 iceboxes, Left Icebox and Right Icebox, which are connected their respective breakers on the DC side of the electrical panel.
- To close the top lid, push down the lid and turn the locking lever.
- Both iceboxes are set to run at 40 degrees F and operate as "refrigerators" to save battery power. Either unit may be set to 0 degrees F to operate as a "freezer". Note: when operating an Icebox as a freezer will draw more amp and necessitate battery monitoring.
- Check battery levels before going to bed. Two iceboxes use a significant amount of power. If the house battery level is low (12.3V) we turn the fridge OFF at night; food will stay cold. Running the engine to re-charge the batteries is also an option.

Inverter

- Use to power AC outlets when on batteries; avoid using high wattage items like hair dryers, microwave, and TV.
- "ON/OFF" switch for the inverter is located on the unit behind the port seat cushion. *Turn the inverter "OFF" after use as the unit draws DC power even when not using AC devices.*

Lighting

- All lighting fixtures use LEDs lights for minimal power drain. Breakers for the Port and Starboard Cabin lights are located on the electrical panel and the switches are throughout the boat.
- Breakers for navigation lighting and the forward deck floodlight are located on the electric panel.

Outboard Engine

- Start / Stop
 - Push fuel valve lever to the back of the engine housing, pull out the choke.
 - Open the air vent on the top of the fuel cap; attach "kill" clip to **red** shut-off knob.
 - Turn the handle throttle ¼ turn counter-clockwise.
 - Gently pull cord 6-12 inches out then use a smooth, firm pull to start the engine.
 - Push the choke back in shortly after the engine starts and stabilizes.
 - Turn throttle to speed up, slow down; rotate engine 180 degrees to go in reverse.
 - Throttle down and push the **red** "kill" clip to stop engine; close fuel valve; close air vent.
- Please do not tow dinghy with outboard attached. Return engine to rail mounting bracket.

Propane

- There are two propane lockers located in the cockpit. The forward starboard locker contains the propane tank, which contains the solenoid and is plumbed to the stove/oven in the galley (this tank is *not* connected to the BBQ grill).
- A third propane tanks is located on the stern railing near the helm. This tank is connected to the BBQ grill and is independent of the plumbing to the stove/oven. This tank is connected directly to the BBQ grill and isn't plumbed into the solenoid.
- Open valve on tank in forward starboard propane locker. There is a solenoid switch next to the stove that turns fuel ON/OFF to stove. BBQ has its own regulator for lighting the grill and adjusting heat level.
- The forward port locker contains a spare propane tank not connected to the propane system. You will more than likely not need to switch tanks because they are checked before each charter by the San Juan Sailing crew.

Sails & Sailing

- Except under heavy winds, recommend deploying headsail first, then mainsail. Steer on starboard tack with wind slightly off starboard bow while unfurling/furling (close hauled).
- Maintain light pressure on mainsail furling line when deploying, on outhaul when furling. When furling, don't let wrinkles form in sail as it rolls into mast.
- Maintain light pressure on jib sheet when furling headsail.
- Reefing marks: Jib (3 black dots), Main Sail (2 vertical black lines). Stay Sail (no marks). We recommend reefing when winds reach 15 knots. At >15 knots you most likely will want to be reefed. If the Stay Sail is furled (sail no in use) you will want to reef the Jib. If the Jib is completely furled out and the Stay Sail is furled in, when you tack the Jib will get hung up on the Stay Sail forestay.

Shore Power

- 30 Amp / 120 Volt; 50 ft. primary cable + 25 Ft. extension cord (aft cockpit locker)
- Disconnecting
 - Turn off onshore breaker (typically near onshore plug).
 - Unplug cable from shore power outlet.
 - Unplug cable from boat (starboard helm seat).
- Connecting
 - Connect cable to boat (starboard helm seat), then to shore power outlet.
 - Look for blue LED light on boat connector and 3 green lights on the ProMariner panel to the left of the "120 Volts AC" electrical panel.

Stove

- Activate the solenoid valve next to the waste can near the sink to turn "ON" the propane.
- Press in the right oven knob, turn to the burner knob (left, right, or back) to the flame symbol, then press the burner knob in to activate the starter. Hold the burner knob for 1-2 seconds (to warm the thermocouples) and then rotate the knob to increase / decrease flame.
- To light the oven press in the oven knob, turn to the left to the flame symbol, insert the "Bic" lighter in the hole in the bottom of the oven and light. Adjust the flame level with the knob.

Swim Ladder

- Open the access door while standing on the platform. Pull up on the side of the ladder that is most forward. Then pull the ladder out and unfold the sections.
- Reverse to stow the ladder.

- *Do not move with the Swim Ladder. The ladder could become tangled and cause damage to the attachment points and fiberglass.*

Tables

- Cockpit: Lift the table to lock in the support legs in place to the helm binnacle.
- Salon: Pull the pin from the top of the table, lower the table and pullout the attached leg to support the table. Retrieve the metal support legs for the table from the starboard hanging locker. Open the table and attach the support legs with the suction cups.
- *Be careful not to bump the support legs loose as that may damage the table.*

Tools & Spares

- Toolkits are located under the starboard side middle salon seat.
- Spare parts are located behind the port and starboard side salon seats in labeled gray bins (if you are thinking of using any parts call the maintenance professionals first - you're on vacation).

Entertainment System: TV & FUSION Audio

- Turn "ON" AC Outlets to power TV (it is recommended to use this when on Shore Power).
- Remote control for TV player are in starboard shelf near to the TV.
- HDMI cable for connecting another device (e.g., PC) is connected to the back of the (connected to HDMI1).
- Connect music player to FUSION audio via Bluetooth; Bluetooth device ID is "MS-RA70".

VHF Radio

- Marine VHF with mic at the Nav Station. Wireless remote for VHF in charging cradle at the Nav Station. It is linked to the marine mobile radio and won't work off the boat.
- Portable marine VHF also onboard; use when going ashore or to talk with crew while anchoring.
- Hail vessels on **Channel 16**, then ask the other boat to switch to a working channel – e.g., 78, 79.
- Check the weather on Channels 4 (San Juan Islands) or 2 (Gulf Islands).

Water and Holding Tanks

- Water and Holding Tank levels are on a separate electronic panel at the Nav Station.
- 160 gal water tank fill on starboard side deck midship. Key tool located at the Nav Station.
- 55 gal holding tank pump out on port side deck midship. Key tool located at the Nav Station.
- There is a white 50 ft. Water hose onboard for refilling the tank in the starboard salon locker (under the middle seat).
- *Please don't over tighten the deck fill and pump out caps.*