

Lady Grey Quick Start Guide

2016 Beneteau Oceanis 45

Dear Charter Guests:

Welcome aboard *Lady Grey*, our 2016 Beneteau Oceanis 45. We know you will have an amazing charter experience in the beautiful Pacific Northwest. This document provides a “quick start” guide to get you familiar with the systems, features and capabilities of *Lady Grey*. 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 and if there’s anything we can do to make your time onboard *Lady Grey* more enjoyable.

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

- San Juan Sailing office: 360-671-4300 / 800-677-7245
- Maintenance Pro (Epic Yachts, Edana Lang): 305-240-1429
- Owners: Dana and Brenda Anderson Cell 360-790-0848 or 360-789-7853

Wishing you wonder and joy as you explore the islands of the Pacific Northwest,

Dana and Brenda Anderson



Lady Grey: Quick Start Guide

Table of Contents

Anchor & Windlass..... 1

Barbeque..... 1

Batteries, Battery Switches & Breakers 1

Bow Thruster..... 1

Chart Plotter Multi-Function Display (MFD) & Other Instruments 2

Cushions..... 2

Dinghy 2

Dodger, Bimini 2

Electrical Panel Switches..... 2

Emergency / Safety Equipment 2

Engine..... 3

Fuel..... 3

Heads, Showers & Holding Tanks 3

Heater (Diesel) 4

Inverter 4

Lighting..... 4

Outboard Engine 4

Propane..... 4

Refrigerator..... 4

Sails & Sailing 4

Shore Power 5

Stove 5

Swim Platform..... 5

Tables 5

Tools & Spares..... 5

Entertainment System: FUSION Audio 5

VHF Radio..... 5

Water 5

Lady Grey: Quick Start Guide

Anchor & Windlass

- Windlass breaker in aft starboard cabin; windlass will only work while the engine is running; hand-held controller is in anchor locker.
- Normal scope in the islands is 4:1. To calculate the amount of chain rode to deploy, use the formula (all units in feet): Rode = (Current Water Depth + Max Tidal Rise + Freeboard) x 4 (freeboard is ~5')
- Our 300' chain is marked with paint and 1' woven lines as follows (color key is taped to inside of anchor locker hatch):
 - White- 25' and 125' and 225'
 - Blue- 50' and 150' and 250'
 - Green- 75' and 175' and 275'
 - Yellow- 100' and 200'
 - Red- 300'
- 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.
- Deploy the anchor rode while backing down slowly. Once the rode is played out, stop the boat, cleat-off the snubber, hook it to the chain and play out enough chain so there is slack in the anchor chain. Do this before setting the anchor. This puts all the load on the snubber and not the windlass. Proceed to set the anchor and confirm boat is not moving.
- When retrieving the anchor, distribute chain "mountain" with boat hook.
- 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.
- 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 or use a hand-held lighter; rotate valve to set temperature.
- Turn off stove solenoid when done. Close BBQ valve if you're not going to be using it for a while.

Batteries, Battery Switches & Breakers

- Batteries under aft starboard and port cabin bunk; battery switches on aft starboard cabin bulkhead. Ground (**black**) – always "ON."
 - House batteries – always "ON."
 - Engine batteries – "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 – 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).
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Lady Grey: Quick Start Guide

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.
 - Press the “POWER” button on the The Triton² multi-function displays at the port and starboard helms
 - Autopilot will be active
- Radar is turned ON/OFF and put into Transmit/Standby modes from the Zeus².
- To deactivate the Zeus² MFD and other instruments:
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).
- Please, never tow with the outboard engine mounted on the dinghy.
- Add air to the baffles as needed using the manual pump in port cockpit locker.
- Avoid driving dinghy onto the beach; stop short of the beach and lift dinghy over rocks.

Dodger, Bimini

- Wash windows with 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.
- 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. Engine heats water when running.
- 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 – “ON” unless batteries are dipping below 12.2 volts and you can't charge batteries.
- Shore Power – No switch *per se*, “ON” when connected to shore power (red LED will be illuminated).
- Water Pressure – “ON” while anchored or docked (you can hear pump working when running water). “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 (Type III & V) in hanging locker in cabins. Lifesling on starboard cockpit rail.
 - Fire extinguishers located 1) in Galley, 2) Forward Cabin and 3) After port-side berth
 - Flashlights mounted next to main cabin fire extinguishers.
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Lady Grey: Quick Start Guide

- First aid kit in aft head; emergency flares and spare seacock plugs in mesh bag in wine cabinet; air horn in cockpit table locker. Primary seacock plugs located with thru-hulls throughout the boat.
- Carbon monoxide (CO) detector under cabin stairs.
- Emergency tiller in starboard cockpit locker; rudder post access between two steering stations
- Manual emergency bilge pump located next to starboard helm; handle in starboard cockpit locker
- Secondary anchor & rode plus “polypro” stern-tie line located in port aft transom locker (under helm).

Engine

- Start
 - Visually inspect the engine at start of each day. Clean water strainer as needed.
 - Confirm **red** engine battery switch in aft port cabin is “ON.”
 - Press bottom “POWER” button on engine control panel at port helm.
 - Press top “START” button; the engine should start immediately.
 - Check for water pumping out of exhaust at port stern outlet.
 - 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.
 - Press middle “STOP” button to turn off engine.
 - Press bottom “POWER” button until engine fan falls silent.
 - Never press the POWER button while the engine is running.
 - Never turn off the engine battery switch while engine is running.

Fuel

- Fuel gauge on electrical panel; fuel tank capacity is 53 gal.; engine consumes ~1 gal/hr @2500 RPM.
- Fuel filler cap located on port aft deck; use small winch handle (located in nav station) to open cap.
- 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 1/2 full.

Heads, Showers & Holding Tanks

- Sinks & showers use fresh water from tank 2 (bow); marine toilets also use fresh water from tank1 (stern).
 - Showers have **sump pumps** to drain water; switches for the pumps are in the heads.
 - There is 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 1/2 cap-full of “No Flex” holding tank treatment into each tank, each day.**
 - Holding tank pump out access ports are on starboard deck above each holding tank; use small winch handle to screw in / screw out caps; please don’t overtighten.
 - Holding tank monitors for both heads are located adjacent to the head switch. Lightly touch and release button “1” to see volume of holding tank. If held too long, it’s programming function is activated. If this happens, simply wait for all lights to stop flashing and it will return to the Lady Grey defaults.
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Lady Grey: Quick Start Guide

Heater (Diesel)

- Controls for the diesel heating system located next to VHF radio.
- Heater ON/OFF: Press power button; LED light will be green when ON.
- Select operating mode, typically “Normal” (2nd switch setting from the left).
- Temperature setting: rotate the dial to choose your temperature.

Inverter

- Use to power AC outlets when on batteries; avoid using high wattage items like hair dryers.
- ON/OFF switch and voltmeter located above shelf, above electrical panel.
- Recommend running engine if using microwave.

Lighting

- All lighting fixtures use LEDs for minimal power drain. Switches are located throughout the boat.
- Switches for navigation lighting and the forward deck floodlight are located on the electric panel.

Outboard Engine

- Start / Stop
 - Rotate fuel valve lever (on left side) to the back of the engine housing to ‘on’, 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 to the start position.
 - 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.
 - Turn throttle to speed up, slow down; rotate engine 180 degrees to go in reverse.
 - Throttle down and pull “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

- Propane locker located in deck locker behind port helm. The propane tanks supply fuel for both the galley stove and the BBQ grill. There is a separate valve in the locker for the BBQ.
- Open valve on tank in propane locker. There is a solenoid switch below the sink in first drawer that turns fuel ON/OFF to stove and BBQ. BBQ has its own regulator for lighting the grill and adjusting heat level.
- If you need to switch tanks, the tank-hose coupling rotates right to remove, left to tighten.

Refrigerator

- Turn “ON” fridge using switch on the electrical panel.
- To close the top lid, pull out the locking knob to release the support arm holding the lid open.
- Check battery levels before going to bed. If the house battery level is low (12.2V) we turn the fridge OFF at night; food will stay cold. Run the engine to re-charge the batteries when it is convenient.

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).
 - When unfurling mainsail, stop outhaul “car” at black vertical mark on rear of boom. When furling, stop when controls on mainsail reaches mast, leaving ~20 inches of sail exposed.
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Lady Grey: Quick Start Guide

- 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.
- Each sail has a pair of reef marks, indicated by vertical black lines. We recommend reefing when winds reach 15 knots. At >15 knots you most likely will want to be reefed.

Shore Power

- 30 Amp / 110 Volt; 50 ft. primary cable + 25 ft. extension cord (aft starboard cockpit)
- Disconnecting:
 - Turn off onshore breaker (typically near onshore plug).
 - Unplug cable from shore power outlet.
 - Unplug cable from boat (port helm).
- Connecting:
 - Connect cable to boat (at port helm), then to shore power outlet.
 - Look for red AC power light on electrical panel.

Stove

- Activate the solenoid valve below the sink to turn ON the propane.
- Press in the left or right burner knob, turn to the left to the flame symbol, and light the burner with built-in ignitor
- Rotate the knob to increase / decrease flame.
- To light the oven, press in the oven knob, turn to the left to the flame symbol, light by pressing ignitor button. Hold knob for 30 seconds. Adjust the flame level with the knob.

Swim Platform

- Disconnect lifelines and stow out of way of seat/transom
- Pull release cord under seat/transom.
- Switch at port helm; pressing down/up on grey switch

Tables

- Cockpit: Lift leaves to lock in place; simultaneously press 2 latches under each leaf to lower.
- Salon: Pull pin in forward port side to rotate and flip open

Tools & Spares

- Toolkits and spare parts are located in the port side cockpit locker.

Entertainment System: FUSION Audio

- Connect music player to FUSION audio via Bluetooth or USB cable; Bluetooth device ID=MS-205. The fusion audio can be controlled from the home screen of the B&G Zeus 12 unit.

VHF Radio

- Marine VHF with mic next to Nav station. Wireless remote for VHF in charging cradle in Fusion cabinet. 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 weather on Channels 4 (San Juan Islands) or 2 (Gulf Islands).

Water

- Tank water level gauges on electrical panel.
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Lady Grey: Quick Start Guide

- Aft 70 gal. tank provides water for the heads and can be filled via the starboard stern deck; forward 70 gal. tank provides water for all sinks and showers and can be filled via **port** deck behind anchor locker.
 - There is one 100 ft hose onboard for refilling the tanks in in the starboard cockpit lazarette
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