Quick Start - Lady Grace

See our Owner’s Notes for further details. Thank you.

GETTING UNDERWAY

PRE-START CHECKLIST

1. **Weather and Tides:** Consider the weather and tides for your intended route. Check weather on VHF and/or other devices, use the tide resources and charts provided (See Section 7 in Charter Guest Reference Manual for resources).

2. **Vessel Secured:**
   - Close all hatches, windows and portholes (finger-tight only).
   - Secure and stow all loose gear, cabinets closed, etcetera.
   - Check around the perimeter of vessel for anything amiss.

3. **Flybridge:** Secure deck furniture to rail with bungee. Electronics covers stowed, if using, in starboard dash locker.

4. **BBQ:** Secure cover. Propane valve OFF at tank.

5. **Ensign(s):** Fly colors, and burgee (optional). Hand-tighten screws.

6. **Engine Room**  
   - **Seacock:** Always OPEN, on Main and Generator.
   - **Seawater Strainer:** Clear of debris, on Main and Generator.
   - **Coolant Bottle Level:** To cold line, minimum, on Main and Generator.
   - **Pads Under Engines:** Any sign of fluid leaks, black belt dust, on Main and Generator.
   - **Racor diesel fuel filter:** Clear, on Main and Generator. If cloudy with water, call SJY.
   - **Equipment/Gear/Bins:** Secured.
   - **Fuel Management:** Switch tanks every 6 to 8 hours.

7. **DC Breakers on Main Electrical Panel**
   - LPG breaker OFF and solenoid switch OFF in galley.

8. **Disconnect from Shore Power**  
   - **First,** turn AC Power Selection Dial to OFF on Main Electrical Panel.
   - **Second,** turn OFF power and disconnect power cord at shore power source.
   - **Lastly,** disconnect from the boat.

   - **Don’t forget to take electrical cord with you when leaving the slip!**

STARTING ENGINE

1. **Put on PFDs:** All deck crew. Located in saloon forward base cabinet.

2. **Discuss Departure Plan with Crew:** Considering wind & current conditions, vessel position and crew responsibilities.

3. **Helm Electrical Panel Breakers**
   - **Green** band: ALWAYS ON.
   - **Yellow** band: ON, as needed.

4. **Electronics Covers:** OFF. **Store all covers in the largest cover/tray atop the equipment manuals under PH settee.**

5. **Throttle and Gear Controls:** Ensure throttle and gear levers are at **Idle** and **Neutral.**

6. **Engine START:** **Start at main helm only**. With key in ignition turn ignition ON, ignition alarm will sound. Push BLACK START button until engine starts (engine will start easily, and alarm will stop). **If ANY alarms continue, push RED STOP button to turn OFF engine.** Please, leave key in ignition at all times.

7. **Check Oil Pressure:** Should read 40-60 psi, **if not immediately push engines RED STOP button.**

8. **Guests’ Ship’s Log (optional):** Record time and engine hours. Continue to update as you wish while underway.

9. **Chartplotter ON:** PH: Automatically powers ON with Electronics breaker. FB Chartplotter: Manually power ON.

10. **Backup Camera:** Turn ON rear camera on the chartplotter.

11. **Rudder Indicator:** Confirm rudder is centered.

12. **Bow and Stern Thrusters:** Push START button at Thruster Control Station, quick tap of controls to check.
DEPARTURE  See Owner’s Notes: Docking and Maneuvering, for details.
- Eartec Headsets (optional): Batteries IN, attach lanyard clips.
- Rover Fender: At the ready.
- Once underway, stow/secure: Mooring lines, buoys, fenders and rover fender.

UNDERWAY
1. **Turn OFF Thrusters**: Push STOP button at Thruster Control Station.
2. **Simrad VHF ON**: To Channel 16.
3. **Eartec Headsets (optional)**: Batteries OUT and stow.
4. **Skipper and Mate**: “On Watch”. Hazards besides rocks are; driftwood, deadheads, pot floats, and seaweed rafts.
5. **Stabilizer Fins (optional)**  See Owner’s Notes: Stabilizers Fins, for complete procedures.
   - To activate you must be cruising at least 4.5 knots, minimum.
   - Turn ON Stabilizer breaker, press ALL on stabilizer control panel, then press ACTIVATE.
6. **Warm Engine**: to 170-180 degrees at 1500 RPM’s, before bringing to Cruise Speed of 1750-1800 RPMs.
7. **Engine Room Check (optional)**: Underway for 1 hour, check for oil or water leaks, unusual noises, anything amiss.
8. **Sea Water Pump**: Seawater flow alarm will sound if not flowing. Turn OFF engine.

MARINA/DOCK ARRIVAL

**Turn OFF Stabilizers BEFORE entering marina.**  See Owner’s Notes: Stabilizers Fins, for complete procedures.
1. Push CENTER: At stabilizer control panel.
2. Turn STABILIZER breaker OFF: At Helm Electrical Panel.

PRE-DOCKING and DOCKING PROCEDURE
1. **Call Harbor Master for Slip Assignment**: Consider a 45’ slip, taking into consideration LOA of 43’-8”.
2. **PFDs ON**: All deck crew.
3. **Skipper/Crew**: Discuss crew responsibilities and docking plan taking into account the wind & current, etcetera.
4. **Bow and Stern Thrusters**: ON.
5. **Eartec Headsets (optional)**: Batteries IN, attach lanyard clips.
6. **Fenders, Buoys and Lines**: Out at appropriate locations and lengths. Use bow, stern and two spring lines minimum.
7. **Rover Fender**: At the ready.
8. **Secure boat to dock**
   - **Note**: Bow-In? Be sure that the pulpit is not protruding over the dock walkway.
9. **Shut Down**: See below.
10. **Adjusting Lines**
    - **Note**: Adjust the stern line first, tucking in the stern so that the side door is easily accessed.
11. **Shore Power**: Plug power cord into boat first, then to the shore power receptacle.
12. **Main Electrical Panel**: Turn AC power dial ON (Shore 1: Bow Inlet or Shore 2: Stern Inlet).

ANCHOR/MOORING BUOY ARRIVAL

**Turn OFF Stabilizers BEFORE entering marina.**  See Owner’s Notes: Stabilizers Fins, for complete procedures.
1. Push CENTER: At stabilizer control panel.
2. Turn STABILIZER breaker OFF: At Helm Electrical Panel.

**TYING TO A MOORING BUOY**  See Owner’s Notes: Anchoring and Mooring, for procedure details.
1. **PFDs ON**: All deck crew.
2. **Eartec Headsets (optional)**: Batteries IN, attach lanyard clip.
3. **Mooring Buoy Bridle and Boat hook**: Retrieve labeled tote from lazarette and boat hook clipped to flybridge ladder.
4. **Attach One Main Bridle End**: To bow cleat opposite the side you plan to hook the mooring buoy from. Run remainder of bridles under pulpit and be ready to hook mooring buoy aft of the side deck steps.
5. **With vessel into the wind (or current if stronger)**: Bring mooring buoy up alongside of the hull, to catch buoy ring.
6. **Run black line through buoy ring, walk forward with line until you can attach main bridle end to remaining bow cleat.**
7. **Shut Down**: See below.
ANCHORING

See Owner’s Notes: Anchoring and Mooring, for procedure details.

1. PFDS ON: All deck crew.
2. Eartec Headsets (optional): Batteries IN, attach lanyard clip.
3. Windlass breaker: ON at the Helm Electrical Panel.
4. Survey the Intended Site: Determine depths (expected tidal changes), shore hazards, other vessels, etc.
5. Minimum of 6’ Under the Keel: At the lowest expected tide during anchor.
8. Stop Vessel at Desired Location: Facing into the wind (or current if stronger).
9. **Mate at bow (communicating with Skipper)**
   b) Let skipper know when ready to lower anchor.
   d) Stop when anchor reaches seafloor: Signal to skipper to set optional anchor alarm and begin idle reverse.
10. Idle Reverse as the Rode Pays Out: Until the rode length is reached.
12. Attach Anchor Bridle: *Attaching lines to bow cleat horns first*, then attach hook to anchor chain. Run out enough rode to form a sag in the chain, transferring rode tension to the bridle.
13. Set the Anchor: Continue in idle reverse until vessel stops reverse motion.
15. Check Anchor Set: As weather and tide conditions change.

RETRIEVING THE ANCHOR

See Owner’s Notes: Anchoring and Mooring, for procedure details.

1. PFDS ON: All deck crew.
2. Eartec Headsets (optional): Batteries IN, attach lanyard clip.
4. Salt Water Pump breaker: ON at the Main Electrical Panel.
5. WINDLASS breaker: ON at the Helm Electrical Panel.
7. Access the Anchor Bridle: Using slow bursts, bring the bridle hook to underside of pulpit. Remove hook from the rode and bridle lines from the bow cleats. Stow in the tote.
8. Skipper and Mate: As rode is retrieved slowly move vessel in forward idle toward the anchor, managing the vessel movement. **NOTE: Do not use the windlass to pull the boat toward the anchor.**
9. Wash the chain and anchor as retrieved: Thoroughly and with plenty of seawater.
10. Watch for Green Chain Marker: Retrieve the last couple feet of rode and anchor slowly, using short bursts on the windlass, as the anchor comes aboard.
12. Salt Water Pump breaker: OFF at the Main Electrical Panel.

SHUT DOWN

1. Engine Stop
   - **First**, push RED STOP button at either helm.
   - **Second**, turn OFF ignition key at main helm.
2. **Turn OFF Thrusters**: Push STOP at Thruster Control Station.
3. Guests’ Ship’s Log (optional): Record time and engine hours.
5. Helm Electrical Panel: Breakers OFF (unless needed, i.e. Anchor Light).
6. Replace electronics plastic covers: Both helms.
7. **Eartec Headsets**: Batteries OUT and stow. Recharge while at Shore Power.
**DAILY CHECKS**

**Marina Checklist**
- Water and Holding Tank Levels
  - Fresh Water Gauge breaker: ON at the Helm Electrical Panel.
  - Hold. Tank Monitor breaker: ON at the Main Electrical Panel.
- Recharge Eartec: While on shore power.
- Battery monitor shows charging?

**Anchor or Mooring Buoy Morning and Evening Checklist**
- Battery Monitor: Run generator if necessary.
- Water and Holding Tank Levels
  - Fresh Water Gauge breaker: ON at the Helm Electrical Panel.
  - Hold. Tank Monitor breaker: ON at the Main Electrical Panel.
- Anchor Light breaker: ON/OFF at the Helm Electrical Panel, as required.
- Dingy Securely Tied to Vessel.

**Before Leaving Vessel Checklist**
- Fresh Water Pump breaker OFF: At the Main Electrical Panel.
- Confirm LPG breaker is OFF and solenoid switch in galley is OFF.
- Helm Electrical Panel breakers: All OFF, except ANCHOR LIGHT if required.
- Confirm anchor lines or mooring lines or dock lines and fenders are secure.
- Exterior Loose Items: Secured and/or stowed, in case of wind.
- Chartplotter/Electronic Monitors: Plastic covers in place.
- Lock: Pilothouse doors, saloon door and stateroom hatch, to protect boat and personal property.
- Dinghy Securely Tied: To the boat, dock or shore.