

“KELLI G” Quick start” & Daily Operating Procedure Checklist

Upon Boarding “Kelli G” Use:

- Power panel: activate 12 volt DC lites, radar, GPS, stereo, refrigerator, fresh water pump and any other accessories you may need.
- Canvas removed as appropriate, stowed under flybridge.

First Thing Each Day:

- Check engine oil, coolant in mains. Check Genset oil.
- Check under-engine oil pads. Okay?
- Check fuel and water tank levels with water and fuel tank fuel gauges.
- Check holding tank indicator. Need pumping or processing?.
- Are all portholes closed and secure?
- Turn off anchor light if illuminated.

Starting Engines:

- Rudder angle indicator centered.
- GPS, Upper and Lower Units operating.
- Items running on AC evaluated vis-a-vis the Inverters and Generator.
- Throttles in “idle”, Shifters in “neutral.” Turn on Port Key first, buzzer will sound.
- Push Port “start” button. Crank for 6 seconds or to starting
- Follow same procedure for Starboard engine.
- If engines do not turn over, jiggle shifter to reset neutral switch
- DO NOT ADVANCE TROTTLERS TO START, LEAVE IN IDLE POSITION.
- ONCE STARTED, CHECK EXHAUST PORTS, SHOULD SEE COOLING WATER.**
- All lines clear of propellers and on deck.

Leaving Dock: (ENGINE TEMPERATURE AT LEAST 120 DEGREES]

- Shore power switch to “Off”.
- Shore power adapters removed, stowed on board, cable reeled in.
- Lines removed as appropriate.

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Soon After Away from Dock:

- Fenders hauled aboard and stowed.
- Lines and other deck gear secure/stowed.
- Doors and hatches closed and secured as appropriate.

Underway:

- Helmsperson on watch at all times.
- 1400 RPMS UNTIL AT LEAST 140 degrees, DO NOT EXCEED 2000 RPMS UNDERWAY.
- Wake effects always in mind.

Approaching Dock:

- Fenders out on appropriate side.
- Bow line *OUTSIDE* stanchions and bloused around toward midships.
- Engines dead slow, wheel centered for engine-only maneuvering.
- Mate ready to secure stern first (in most circumstances).

Upon Arrival at Dock in Marina:

- Lines secure, including spring lines.
- If using Shore Power:
 - Hot Water Heater breaker off until Inverter current settles
 - Other heavy AC loads also off until inverter current settles
- Shore power cord connected, shore power switch “On” to appropriate power location.
- Shore power confirmed on displays, then Inverter “On”.
- Electric use monitored, limited to capacity of shore facilities and connections.

Arriving at Mooring Buoy:

- Skipper puts starboard end of swim step, with mate on it, next to buoy.
- Mate loops 30' or so of *heavy* line, such as bow line, through buoy ring.
- Mate holds two ends together, walks up side of boat to bow of boat.
- With buoy held close to bow, line secured to each bow cleat through hawsepipe.
- Inverters “Off” unless in use as inverter or charger; generator running if required.

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Mooring at Anchor:

- Check under-engine oil pads. Okay?
- Anchor is lowered from pulpit while boat is backed up slowly away from anchor.
- When desired chain length out (5:1 or 7:1 scope), windlass is stopped.
- Engines reversed at idle speed until chain pulls up to 30 degrees. Note: The boat is *not held in reverse* against a taught anchor chain!

Stopping Engines:

- Use “Stop Button” before turning key! Hear Buzz and then turn off key for each engine.

Generator Starting/Stopping:

- Hold “Preheat” switch for 45 seconds, then hold both “Preheat” and “Start” until starts.
- Check exhaust outlet for water flow.
- After one minute for warm up, turn power selector from “Off” to “Gen”.
- Stopping: Turn power selector from “Gen” to “Off”, wait one minute for cool-down.
- Hold “Stop” switch until stopped.

Overnight Checklist in Marina:

- Shore power “On”.
- Inverter “On”.

Overnight at Anchor or Buoy:

- Run generator until batteries fully charged as shown on Power Monitor
- Inverter “Off” to conserve batteries unless in use as inverter or charger.
- Anchor light “On”.
- Unnecessary DC electrical items all “Off” including radios, extra lights, etc.

Upon Arising:

- If at anchor or buoy, Inverter only “On” if necessary.
- Start generator if necessary for battery charging.
- Inverter “On” if shore power available or generator running.
- Turn on heat if necessary. Go to top of this Kelli G checklist.

After Use, and after “Arrival at Dock” Checklist above, before leaving vessel:

- Power panel: All breakers “Off” except cabin/salon lights, chargers, transformers, and AC circuits if heaters left on.
- Canvas covers on in all window locations. Blinds closed for sunlight and theft protection.

