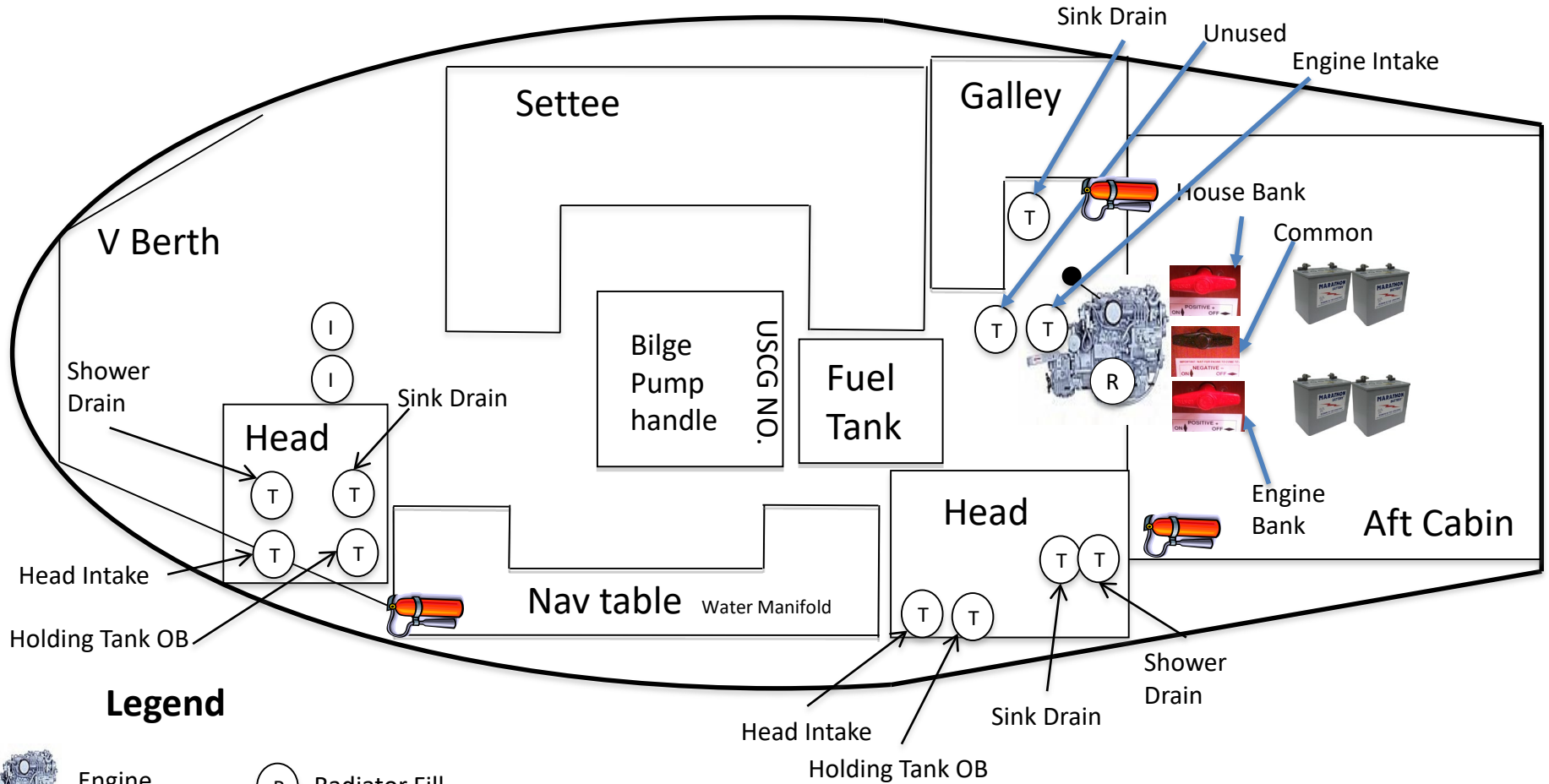


# 4301 Whale Song Jeanneau 43

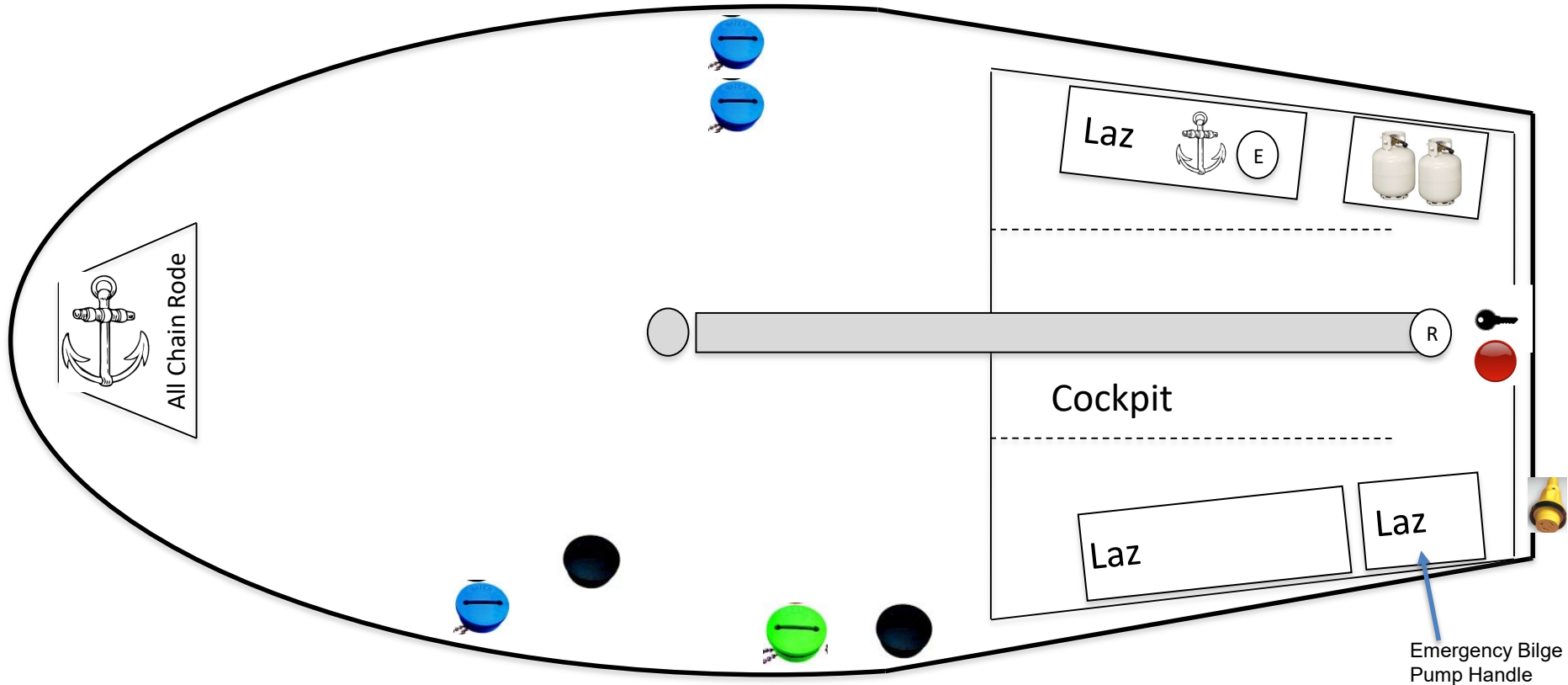


## Legend


-  Engine
-  Oil Dipstick
-  Battery
-  (R) Radiator Fill
-  (T) Thru Hull With Seacock
-  (I) Instrument Thru Hulls
-  Fire Extinguisher
-  Battery Switch

## Notes

# 4301 *Whale Song* Jeanneau 43





## Legend


 Rudderpost

 AC Power cord


 Anchor

 Emergency Tiller

 Deck Fill – Diesel

 Deck Fill – Waste

 Ignition Key

 Engine Stop

 Deck Fill – Water

 Propane / CNG

# 4301 *Whale Song* Juneau 43

## Notes

- Roller Furler main: RELEASE MAIN SHEET AND BOOM VANG WHEN DEPLOYING IN/OUT
- DO NOT RELEASE MAIN OR JIB HALYARDS – ANY SLACK WILL CAUSE THEM NOT TO FURL PROPERLY
- There is an emergency life raft in the transom locker, it is out of service.
- Battery's are located under the aft bed
- Manual pump handle in port aft locker
- Emergency tiller located in port forward locker
- No key for companion way, just push hatch back.

# 4301 *Whale Song* Juneau 43

## Notes

### **INVERTER NOTES:**

This boat is equipped with a charger-inverter system that uses 120 V AC shore power to charge and maintain the house and engine start batteries. When not connected to shore power, it is also capable of converting (inverting) 12 V DC battery power back up to 120 V AC electrical power, and delivering it to the house type wall sockets located throughout the interior of the boat. The Charger-Inverter system is monitored and controlled by a black “MAGNUM” control panel located above the navigation table.

### **When connected to shore power:**

The PWR LED will light up. The charger automatically comes on, the charger button green LED will light to confirm charging is active and the DC voltage to the batteries will display.

Pushing the Charge button will stop charging the batteries and the charge green LED will turn off. The DC Volts will display battery volts delivered to the master DC panel. To begin charging, press the Charge button and the green LED will light to indicate charging has begun.

### **When shore power is NOT connected:**

PWR LED will be off. The charge button green LED will be off. The DC volts display will show DC volts delivered to the master DC panel. The DC amps display will be blank. The Invert button green LED will be off, and the inverter will be available for use

## 4301 –Whale Song 2001 Jenneau 43

<p><b>Documentation</b></p>	<p>Whale Song is a USCG documented vessel. The Official Number 1129442, is carved into a wooden placard located under the floor board at the salon table.</p> <p>The Oil Discharge placard is located above the engine, behind the companionway ladder. The garbage placard is on the door below the galley sink</p>
<p><b>Engine</b></p>	<p>Engine type: Yanmar (54 horse with Turbo)          Working RPM _____ MAX RPM _____</p> <p>3 blade folding prop. <b>Put transmission into forward gear while sailing</b> to keep folding prop from spinning – <b>not reverse!</b> There will be a delay when engaging reverse, then Turbo kicks in.</p> <p>The Engine hour gauge is located on the starter key panel. Small gauge directly under the tachometer.</p> <p>Engine access is obtained by leaning the steps forward. Engine intake can be observed at this time.</p> <p>The engine oil dipstick is easily visible to starboard (the left while facing the engine.)</p> <p>The coolant reservoir is located on the port side of the engine compartment. The pressure cap is to port in front of the coolant reservoir.</p> <p>There one belt to check, located at the front of the engine.</p> <p>The stuffing box is under the white floorboard in aft stateroom.</p>
<p><b>Fuel Gauge</b></p>	<p>The <b>fuel tank gauge</b> is located on the panel under the helm seat. The Engine DC switch must be on, and the key turned to the run position. There is a spring loaded toggle switch to the right of the fuel gauge (as you face the gauge) than must be held in the on position to energize the gauge.</p> <p>Diesel fuel deck fitting is located amidships to port. The fuel tank is on the centerline and can be seen by lifting one of the salon floorboards. Whale Song carries 50 gallons of fuel when full.</p>
<p><b>Engine Start Up and Shut Down</b></p>	<p><b>Start Up</b></p> <p>The ignition key panel is located directly aft of the binnacle, under the steering seat.</p> <p>There are no glow plugs, so a preheat cycle is not required.</p> <p><b>Shut Down</b></p> <p>A red button on the key panel shuts the motor down.</p>

# 4301 –Whale Song 2001 Jenneau 43

<p><b>Electrical System</b></p>	<p><b>AC</b></p> <p>AC Breaker is located in aft port locker</p> <p>When stowing the boat, the following AC switches should be left on.</p> <ul style="list-style-type: none"> <li>• Battery Charger</li> <li>• AC Plugs 1</li> <li>• When the shore power is properly connected and turned on at the dock box, the <b>Shore Power</b> light will be on.</li> </ul> <p>On the <b>MAGNUM</b> panel, located to the right of the DC Panel and the radios, verify that the <b>Charge light is on</b>, and the <b>Invert light is off</b>.</p> <p><b>DC</b></p> <p>The DC power switches are located in the aft stateroom, in a cabinet on the engine room bulk head.</p> <p>The DC distribution panel is located at the navigation station.</p> <p>You must turn on the Auto pilot switch on main panel for the depth/speed indicators to turn on.</p>
<p><b>Inverter</b></p>	<p>This boat is equipped with a charger-inverter system that uses 120 V AC shore power to charge and maintain the house and engine start batteries. When not connected to shore power, it is also capable of converting (inverting) 12 V DC battery power back up to 120 V AC electrical power and delivering it to the house type wall sockets located throughout the interior of the boat. The Charger-Inverter system is monitored and controlled by a black “MAGNUM” control panel located above the navigation table.</p> <p><b>When connected to shore power:</b></p> <p>The PWR LED will light up. The charger automatically comes on, the charger button green LED will light to confirm charging is active and the DC voltage to the batteries will display.</p> <p>Pushing the Charge button will stop charging the batteries and the charge green LED will turn off. The DC Volts will display battery volts delivered to the master DC panel. To begin charging, press the Charge button and the green LED will light to indicate charging has begun.</p> <p><b>When shore power is NOT connected:</b></p> <p>PWR LED will be off. The charge button green LED will be off. The DC volts display will show DC volts delivered to the master DC panel. The DC amps display will be blank. The Invert button green LED will be off, and the inverter will be available for use</p>

## 4301 –Whale Song 2001 Jenneau 43

<p><b>Thru Hulls</b></p>	<ul style="list-style-type: none"> <li>• Speed and depth instrument thru-hulls are located under the floorboard, in just aft of the V-berth door.</li> <li>• There are <b>eleven thru-hulls with sea cocks</b> <ul style="list-style-type: none"> <li>○ Four inside forward head cabinet           <ul style="list-style-type: none"> <li>▪ Head Intake</li> <li>▪ Holding tank overboard discharge</li> <li>▪ Sink drain</li> <li>▪ Shower drain (<b>see note on shower drain operation below</b>)</li> </ul> </li> <li>○ Four in the aft head cabinet           <ul style="list-style-type: none"> <li>▪ Head Intake</li> <li>▪ Holding tank overboard discharge</li> <li>▪ Head sink drain</li> <li>▪ Shower drain (<b>see note on shower drain operation below</b>)</li> </ul> </li> <li>○ The galley sink drain is under the floorboard just aft of the galley sink. Remove the floorboard, and the plastic bins to access.</li> <li>○ The engine raw water intake is located in front of the engine (LEAVE OPEN)</li> <li>○ There is an unused thru hull with a seacock located under the floorboard in front of the engine.</li> </ul> </li> </ul> <p>To drain shower pan, first turn on shower pump breaker on the main DC panel, then use the toggle switch in the head.</p>
<p><b>Head(s)</b></p>	<p>Whale Song has two heads, located forward in the v-berth, and just aft of amidships.</p> <p>Both heads are electric flush. Individual switches on the DC panel energize the circuits. Flush the head by pressing and holding the black button on the side of the cabinet. The head can be flushed using fresh water from the sink if desired.</p> <p>With the head intake open, the “flush” action will not keep up with the intake of water to the head. When done, close the thru hull and flush any remaining liquid.</p>
<p><b>Fresh Water System</b></p>	<p>There are three fresh water tanks, located amidships forward to port, center, and starboard. 146 gallons total.</p> <p>The manifold to select which tank is in use is located in the cabinet under the navigation station table. Only one tank should be in use at a time.</p>

## 4301 –Whale Song 2001 Jenneau 43

<p><b>Anchor and Ground Tackle</b></p>	<p><b>Primary Anchor</b> A 44lb Claw style primary anchor, with all chain rode is mounted in a bow roller.</p> <p><b>Secondary Anchor</b> A 40 lb Delta Plow style secondary anchor, with a combination chain/nylon rode is located in the Starboard lazarette.</p> <p><b>Kellet/Sentinel</b> Whale Song has an all chain rode on the primary anchor, and therefore is not set up with a kellet.</p> <p><b>Windlass</b> The windlass may be controlled from the helm, or by a control unit that plugs into the anchor locker. The control unit is stowed in a cubby hole directly under the DC panel.</p>
<p><b>Draft / keel type</b></p>	<p>Whale Song draws 7.5', and has a fin keel</p>
<p><b>Refrigeration</b></p>	<p>Whale Song is outfitted with a refrigerator, and a separate ice box. The ice box drains through the galley sink drain.</p>
<p><b>Stove</b></p>	<p>The stove is located under a “removable” counter top to the right of the sink and refrigerator. To access, lift the front of the counter top, and rotate it back into the storage spot behind the stove.</p> <ul style="list-style-type: none"> <li>• The stove has two burners, and an oven.</li> <li>• Whale Song has two propane tanks located in the starboard side cowling.</li> <li>• There is a switch, labeled USA LPG GAS CONTROL, on the DC Panel that turns the propane system on.</li> </ul>
<p><b>Barbeque</b></p>	<p>There is no barbeque on Wind Song</p>



# 4301 –Whale Song 2001 Jenneau 43

<p><b>Running Rigging</b></p>	<p><b>Mainsail</b></p> <ul style="list-style-type: none"> <li>• Roller Furling main.</li> <li>• ALWAYS RELEASE MAIN SHEET AND BOOM VANG WHEN DEPLOYING IN/OUT</li> <li>• There is a two speed electric winch to control the main sheet, <b>Only deploy/strike the main by hand.</b></li> <li>• <b>Extreme caution must be exercised</b> when using the electric winch. Sufficient force can be generated to do extensive damage!</li> </ul> <p><b>Jib</b></p> <ul style="list-style-type: none"> <li>• Roller Furling Jib.</li> <li>• There is an electric winch mounted on each side of the cockpit to trim the jib sheets. <b>Extreme caution must be exercised</b> when using the electric winch. Sufficient force can be generated to do extensive damage!</li> <li>• Sheeting angles can be controlled using lines led to the cockpit.</li> </ul> <p>DO NOT RELEASE THE MAIN OR JIB HALYARDS – any slack will cause the furling systems to not function properly.</p> <p style="text-align: center;"><b>When leaving the boat please leave lines hand tight only (main sheet/vang/topping lift)</b></p>
<p><b>Winches</b></p>	<p>Whale Song is outfitted with an electric winch on the cabin top and electric jib sheet winches on the cockpit coaming. <b>Each winch has two operating buttons, slow and rapid.</b></p> <p><b>Electric winches must be used with a great deal of care.</b> Enough pressure can be generated to do a great deal of damage to lines and rigging.</p> <p>Breakers to energize the winches are located in the same panel as the DC main power switches, in the aft cabin, on the engine room bulk head.</p> <p>The Harken electric winches are designed to inhibit the electric winch motor when the winch handle is LOCKED into the receptacle at the top of the winch.</p> <p>ONLY Harken winch handles will securely lock into the Harken winch handle receptacle. Non Harken winch handles will get ejected either fully or partially and will still allow the winch motor to operate. If the winch handle is partially in place and the winch motor turns, <b>SERIOUS INJURY MAY RESULT.</b></p> <p><b>DO NOT USE NON Harken winch handles in the electric winches, even if your intent is to use the winch in a manual/non-motorized mode.</b></p> <p>The two genoa primaries and the port cabin top winch are all motorized.</p> <p>The starboard cabin top winch is manual and any winch handle will work.</p>