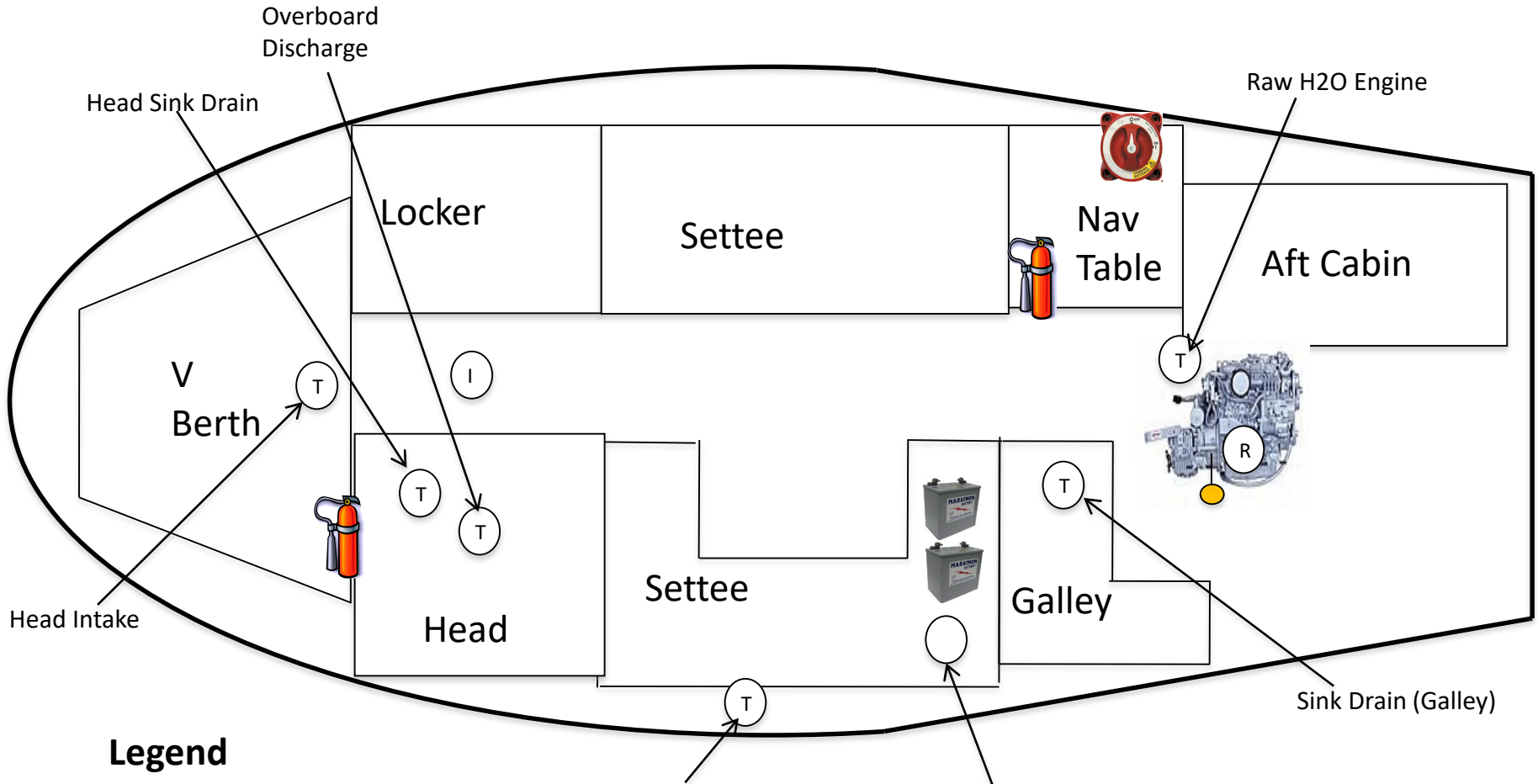


3801 *Black Pearl* Catalina 38



Legend



Engine



Radiator Fill



Thru Hull With Seacock



Battery



Instrument Thru Hulls



Oil Dipstick



Emergency Tiller

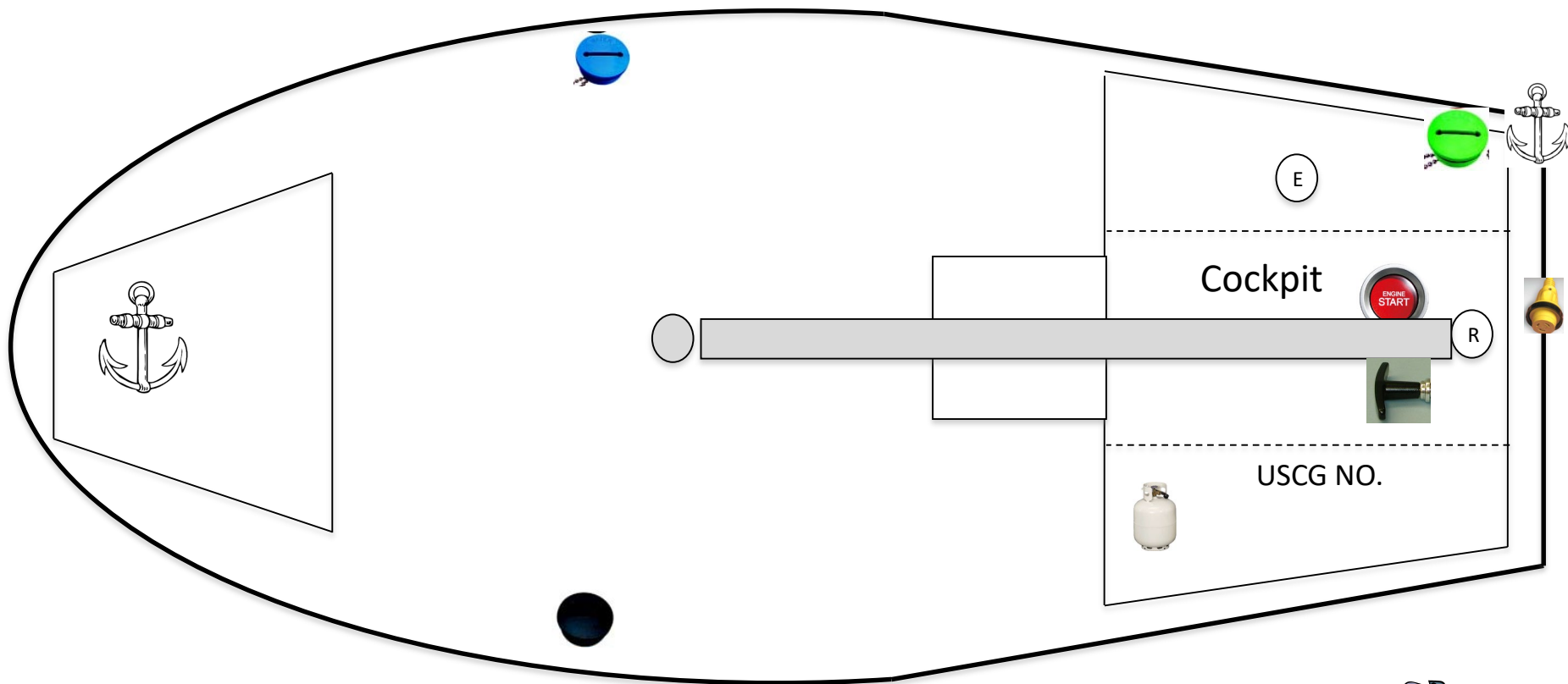


Battery Switch




Fire Extinguisher

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Legend


 Rudderpost

 AC Power cord

 Anchor

 Fire Extinguisher


 Deck Fill – Diesel

 Deck Fill – Waste

 Engine Kill

 Deck Fill – Water

 CNG Tank

 Engine Start

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<p>Documentation</p>	<p>Black Pearl is a USCG Documented vessel. The Official Number is 1166434. The official number is permanently affixed to the side of the cockpit wall, in the port lazarette.</p> <p>The Oil Discharge placard is affixed next to the companionway ladder.</p>
<p>Engine</p>	<p>Engine type: Universal 54-24 Working RPM _____ MAX RPM _____ 3 blade fixed prop</p> <p>An engine hour meter is an integral part of the tachometer, and is found at the dashboard, located on the port side of the cockpit</p> <p>Engine access is obtained by removing the steps. The top step can be opened by removing the four screws in the top. These screws are not “screwed” down, and can be lifted up by hand. The wooden step can then be taken off.</p> <p>The dipstick is located on the port side of the engine.</p> <p>The coolant reservoir on Black Pearl is located to port, near the front of the motor. The header tank pressure cap can be seen midway back on the port side.</p> <p>There is one belt to check, located at the front of the engine.</p>
<p>Fuel Gauge</p>	<p>The fuel gauge is found at the dashboard, located on the port side of the cockpit. Black Pearl holds 35 gallons of fuel when full.</p>
<p>Engine Start Up and Shut Down</p>	<p>Start Up</p> <ul style="list-style-type: none"> • The ignition key is part of the dashboard located on the port side of the cockpit. • Black Pearl requires the motor to preheat using a glow plug prior to starting. To activate the glow plugs, turn the ignition key clockwise “past the spring” as far as it will go. Hold the key in the pre-heat position for 30 full seconds prior to starting. • The throttle should be push forward to ¼ to ½ throttle allow fuel flow during starting. Once started, throttle back to an idle. SEE NOTE BELOW • Push the start button to engage the starter <p>Shut Down</p> <ul style="list-style-type: none"> • The throttle is also the fuel shutoff. To shut down, throttle all the way down – you will feel pressure on a spring. <p>NOTE: The throttle and fuel shut off are the same. Throttling all the way back will result in the motor dying ... often times at the worst moment ... such as backing out of a slip. If the motor dies, just reach down and push the start button. The motor will immediately restart.</p>

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<p>Electrical System</p>	<p>AC</p> <ul style="list-style-type: none"> • A 30 amp AC plug enters the boat on the starboard side, several feet forward of the transom • The Main AC breaker is located on the AC panel (above the navigation station). Leave it in the on position when securing the boat • Leave the Battery charger and Outlet breakers on as well. <p>DC</p> <ul style="list-style-type: none"> • There are two battery banks, on the boat. <ul style="list-style-type: none"> ○ A OFF/ON/Combine battery selector switch below and to the aft of the navigation station. For normal operation turn to ON position. Only use the Combine if starter battery will not start engine.
<p>Thru Hulls</p>	<p>There are two instrument thru-hulls are located in the bilge, directly in front of the door into the head.</p> <p>There are six thru-hulls with sea cocks</p> <ul style="list-style-type: none"> • The head intake is under the v-berth, and can be accessed by lifting the mattress or by opening a hatch located near the floor • The head sink drain and the direct overboard discharge from the head are in the cabinet under the head sink. There is a “Y” valve on the front of the cabinet that directs waste into the holding tank or overboard • The thru hull for the macerator discharge from the holding tank is under the port settee • The galley sink drain is under the galley sink • The engine intake is to starboard of the engine (the left as you face the engine) and is seen thru the hatch under the companionway ladder <p>The stuffing box can be viewed thru the hatch into the engine compartment that is found several feet back into the aft quarter berth.</p> <p>There are two manual bilge pumps. One located to port in the cockpit near the dashboard. The other is under the port settee.</p>
<p>Head(s)</p>	<p>Black Pearl has one standard manual operation marine head, located forward to port. The head intake is located under the v-berth mattress.</p> <p>The holding tank is pumped out via a deck fitting located amidships to port.</p> <p>A “Y” valve mounted on the cabinet under the head sink directs waste into either the holding tank, or overboard via a thru hull located under the sink. Do not change the direction of flow for the “Y” valve.</p>

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Fresh Water System	There is one 60 gallon fresh water tank located under the V-berth. The fresh water fill is amidships to starboard.
Anchor and Ground Tackle	<p>Primary Anchor A 30 lb danforth style primary anchor, with a combination chair/nylon rode is mounted in a bow roller.</p> <p>Secondary Anchor A 22 lb danforth style secondary anchor, with a combination chair/nylon rode is located in the aft lazarette.</p> <p>Kellet/Sentinel A kellet with sentinel is stowed in the aft cockpit lazarette.</p> <p>Windlass There is no windlass</p>
Draft / keel type	Black Pearl draws 6'9", and has a fin keel
Refrigeration	There is no refrigeration, only an ice box, which drains to the bilge. There is also a dry storage area next to the galley sink, please do not put ice in this locker.
Stove	<p>Black Pearl is outfitted with a 3 burner stove and oven that operates on compressed natural gas (CNG). The stove top is broken as of December 2018, we are getting it rewelded.</p> <p>The CNG tank is in the port cockpit lazarette. CNG does not require a solenoid switch.</p>
Barbeque	There is no barbeque on Black Pearl.
Running Rigging	<p>Black Pearl is fitted with a traditional main with a Stack Pack cover.</p> <ul style="list-style-type: none"> • The main halyard and main sheet both run through a clutch on the starboard side of the companionway. • Main has two reefs that are single line adjusted from the cockpit, with clutches on the port side of the companionway <p>Black Pearl has a 95% roller furled jib.</p>
Steering	Emergency tiller is located in the aft lazarette. You must remove wheel for the emergency tiller to work.