

Wahweap Rental Office: 928-645-1078
Wahweap Boat Repair: 928-645-1149
Bullfrog Rental Office: 435-684-3010
Bullfrog Boat Repair: 435-684-3052
Dangling Rope: 928-691-0206
NPS Emergency: 928-608-6300
NPS Office: 928-608-6301



LAKE POWELL
RESORTS & MARINAS

W E L C O M E T O

GOOD HOPE



LAKE POWELL

RESORTS & MARINAS

G L E N C A N Y O N



50' NOMAD

GOOD HOPE

HOUSEBOAT MANUAL

TABLE OF CONTENTS

Marine Radio	1
Engines/Helm	3
Houseboat Batteries.....	6
Generator	8
Water Pressure	10
Hot Water	12
Holding Tanks.....	13
Gas/Propane	15
Refrigerator	17
Range.....	19
Grill.....	20
Heater.....	21
Cooling.....	22
Accessories.....	23

MARINE RADIO



Your Houseboat has come equipped with a VHF Marine Band Radio. It is located at the helm, to the left of the steering wheel.

ON/OFF

- Turn on DC MAIN Breaker
- Turn on RADIO Breaker on the DC Panel
- Turn the volume Knob in a clockwise direction to turn on the radio.

CHANNEL 16

Use Channel 16 for hailing and emergencies only. Never use Channel 16 for routine conversations.

In case of an emergency, hail the National Park Service on channel 16. They monitor this channel 24 hours a day.

To hail Boat Rentals, turn radio ON and to Channel Digital Sub 1, depress button on side of handheld microphone to talk, and release the button when you are finished talking. The Boat Rentals Office monitors this channel during regular business hours.

Say " _____ (the name of the marina you are calling) BOAT RENTALS this is houseboat # _____" (number of your houseboat). For example: "Bullfrog Boat Rentals, this is houseboat # S11."

When communication is established, we will direct you to another channel. Commonly used channels are 10, 12, 68 and 72. Be sure to acknowledge that channel, before you change to the channel. Then turn to that channel, and we will continue the conversation.

Information you will need when you call us:

- 1. Your boat number.**
- 2. Your exact location, if known.**
- 3. Description of the problem.**
- 4. Any details on the trouble-shooting you have already tried.**

If you need assistance we will attempt to help you troubleshoot a problem over the radio. If we are not successful, we will dispatch a technician out to help you.

For safety, our technicians can only be dispatched if they can fix the problem and return to our docks before dark. If we receive your call late in the day, we will gladly respond first thing the next morning.

WEATHER

W/X button or Channel 1 on your marine radio is the weather channel.

This channel is updated periodically by the National Weather Service.

Be sure to check this channel regularly during your trip to keep apprised of the changing weather conditions here at Lake Powell.

REQUEST FOR ASSISTANCE

Flag down a boat passing by and ask them to take it to the nearest marina for assistance.

We will dispatch a technician out to your boat as soon as we can safely do so.

OTHER INFO

Do NOT use VHF antenna as a flag pole or hang anything on the antenna.

Marine Radios transmit line-of-sight. So if you are back in a canyon, you may have to ask assistance from another boater with a radio to help contact us if you cannot get through directly.

Profanity over the public airways is a federal crime.

Reminder: Your Marine Radio is not a toy and should be operated only by a responsible adult.

A VHF marine radio is not the same as a Citizen's Band Radio. CB lingo and 10-codes are not used.

COMMON TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSES	REMEDIES
Not transmitting or receiving	Low house battery	Charge house battery
	Radio not set on USA	Push USA/Int button
	Radio blocked by canyon walls	Move the houseboat to open water
	Set on 1 watt mode	Push 1/25 button to change to 25 watt
	Antenna has fallen down	Raise antenna

ENGINES/HELM

YOUR HOUSEBOAT HAS TWO ENGINES...

- For greater maneuverability and power.
- To provide you with a spare in case of engine failure.

Your engines are well maintained, but occasional breakdowns can occur. The spare is to ensure your safety and save you inconvenience. Don't let the loss of one engine delay your vacation. Proceed on your planned itinerary with the good engine and we will catch up to you as soon as possible and make necessary repairs.

GAUGES

Tachometer / Multifunction Gauge

- Monitors the engine revolutions.
- Wide-Open Throttle (WOT) should be 4000 RPM's.
- The most efficient cruising RPM will be 3500-3800 RPM

Quad Function Gauge

- Key must be on for gauges to register.
- PSI - engine oil pressure
- Temp - engine temperature
- Fuel level - port gauge reads port tank stbd reads stbd
- Volt Gauge - engine battery voltage

Horn

- Push in the HORN button at the helm.

NAUTICAL NOTE: When leaving a dock, signal with 1 long blast (4 seconds) and 3 short blasts (1 second each).

GETTING UNDER WAY

Starting

- Turn the stbd key to the on position
- The command LED flashes white accompanied by a buzzer sound
- Push the command key on the control head, the command LED with flash quickly along with a short buzzer sound.
- Push the command key a second time and the flashing white lights will go solid and the buzzer will stop. The control head is now active.
- Turn the ignition keys individually from the "On" position to the "Start" position and release. The engines will crank and start.

Shifting

- With the Control Head lever positioned in the Neutral (vertical) detent move control head lever 15 degrees to the Ahead or Astern detent will command Ahead or Astern clutch engagement, while the engine RPM remains at Idle. Further movement of the Control Head lever through the next 65 degrees, will increase the engine RPM in proportion to the Control Head's lever position
- Always pause in neutral before changing gears allowing engine RPM to return to idle (approx. 800 rpm)

Shut Down

- Engines must be in neutral position
- Turn the ignition keys to off, port then stbd



RAISING ENGINE

Electric tilt toggle is located on the left side of the engine, below the cowling (cover).

ENGINES/HELM

COMMON TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSES	REMEDIES
Engine doesn't turn over	Do you have active command LED solid white?	Follow starting sequence for the engines
Engine won't crank or turn over	Low Battery	Follow starting sequence Start Generator and turn on battery charger breaker
Engine turns over but won't start	Out of Fuel	Drive to nearest marina on engine that has fuel and refuel boat.

HOUSEBOAT BATTERIES

The 12-volt house system includes cabin lights and navigational lights, water pumps, the horn and the VHF Radio.

Charging

- Start the Generator following Generator Starting Procedures.
- Turn on the breakers for Inverter input and inverter output on the 240 Volt AC panel.
- DC Switch Panel (located at the helm)
- Horn
- Blower
- Navigation lights
- Spare
- Spotlight
- Accessory
- Spare
- Bilge
- Bilge

Please Note: Turn off the Generator and water systems while beaching or unbeaching. Once you are beached, leave off for an additional 15 minutes to let sand and sediment in the water settle.

It is not necessary to switch on the bilge pump unless water is noted under the deck of the cabin. The bilge pump is wired to automatically switch on when water is present.

Tips for Getting the Most from your Houseboat Batteries

When generator is running ALWAYS have the Generator MAIN breaker and inverter input and output breakers on. This is what charges your house batteries!!! Turn off all lights and any other systems when not in use.

NOTE: Deep Cycle batteries are used to extend the time between charging. However, they also require more time to recharge when they are discharged for too long. When the lights dim and the pumps slow, a recharge is overdue.

D.05 ELECT 2



HOUSEBOAT BATTERIES

COMMON TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSES	REMEDIES
No water pressure	Water filter breaker off	Check breaker
No DC Cabin Lights	House Batteries Low or Dead	Start the Generator and Charge Batteries with the inverter
No AC Cabin Lights	Generator must be on and appropriate breaker on	Start Generator

GENERATOR

YOUR GENERATOR IS LOCATED IN A IN A BELOW DECK COMPARTMENT OF THE REAR DECK.



CAUTION: The blower must be used at least 5 minutes before starting the generator located below deck, to clear any fumes that may have collected.



Starting/ Warm Up

- Turn ON blower button located at the helm and next to generator start/stop on electrical panel.
- The generator remote start is located at the upper left corner of the AC breaker panel.
- Confirm that the Generator and Shore power MAIN breakers and all circuit breakers are off.

- Push and release the start side of the start/stop switch. If engine fails to start, hold the stop switch down for 10 seconds and repeat.



NOTE: The generator will have a harder time starting with a load on the circuit be sure the main breakers are off. Allow the engine to warm up for 5 minutes.

Switch the Generator MAIN breaker ON.

Turn off the BLOWER.

You may now turn on individual AC breakers to provide power to your houseboat.

To Shut Down Generator

- Turn off all circuit breakers.
- Turn off Generator Main breaker.
- Push and release the STOP switch Generator AVAILABLE POWER light will go out when the unit is off.

Special Notes

- If your houseboat breaks anchor and/or drifts sideways onto a beach, the generator and water system must be shut down immediately to prevent the cooling system from being fouled with sand and silt. This can cause overheating and disable your generator.

Below deck generators are equipped with coolant (lake water) strainers. Do not open this unit unless no water is pumping from the side of the houseboat during generator operation, or you hear excessively loud operation:

1. Turn off the generator.
2. Remove the brass top off the cooling system strainer.
3. Empty the strainer and replace top.
4. Be certain top is on straight and hand tightened all the way.
5. Restart generator.

Inverter System

The inverter panel is located to the left of the helm .

The refrigerator, television and water filter all run off the inverter.

These appliances will all work without the generator running.

Turn on the individual breakers on the 120 Volt AC panel for power to the specific appliance you wish to operate.

AC Breaker Panel

240 Volt AC (Generator must be on)

- Range
- Air Handler
- AC Pump
- Inverter Input
- Inverter Output

120 Volt AC (Generator must be on)

- AC Salon
- AC Outlets
- Bathroom
- Battery Charger (starting batteries only)
- Microwave
- Water heater
- Rear Deck
- Gally
- Bar
- Bridge

120 Volt AC (Inverted)

- Refrigerator
- Lights Below Deck
- Water filter
- TV

GFI Outlets

- Some electrical outlets have a GFI breaker. Push in the RESET button to reset.

COMMON TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSES	REMEDIES
No generator power	AC MAIN breaker off	Check breaker on panel
Outlet doesn't work	Is the generator on?	Start generator
	AC MAIN breaker off?	Check breaker on panel
	Is that area's breaker on?	Check breaker on panel
	Is GFI tripped?	Reset GFI Outletdeck
Generator cranks but won't start		Refuel
CO Alarm beeps continuously	Low on Fuel	Turn off Engines/Generator Evacuate crew out of cabin
4 beeps every 5 seconds	System Error	Open doors and windows Press the RESET/SILENCE
CO Alarm beeps 1 beeps every minute		Press the REST/SILENCE button for more than 15 seconds to shut off. Contact Boat Rentals to replace alarm.

WATER PRESSURE

YOUR HOUSEBOAT EQUIPPED WITH A UVBB WATER SYSTEM

It works by pulling lake water thru a series of filters and UV purification for all of your water needs. To Use

- Turn on Water Filter breaker on 120 volt AC Panel

COMMON TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSES	REMEDIES
No Water	Water Filter Breaker is not on	Reset Breaker
	Low batteries	Start Generator and Charge Batteries

HOT WATER

YOUR BOAT IS EQUIPPED WITH A 17-GALLON CAPACITY WATER HEATER.

To Start Water Heater

- Generator must be on.

Turn on water filter breaker and water heater breaker

On 120 Volt AC Panel.

Allow approximately 1-3 hours for the water to heat fully.

COMMON TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSES	REMEDIES
No Hot Water	Generator may not be on Generator Main Breaker not on Water Heater breaker not on Water Filter switch not on	

HOLDING TANKS

YOUR HOUSEBOAT HAS BEEN EQUIPPED WITH A 400 GALLON BLACK WATER TAN

Full Service Pumpout

- Radio into any of the Rental Docks.
- Give us an estimated time for arrival.
- We will direct you where to park and will pump out your houseboat for you.

Self Service Pumpout

- Located in any marina.
- The silver tank openings is located on the starboard side of the boat and is marked waste.
- Unscrew the cap.
- Screw the correct sized fitting into the pumpout port on your houseboat. (Fittings are available at the dock on the pumps or under the kitchen sink in your houseboat.)

- Remove the fitting from your houseboat and replace on dock.
- Place the end of the lake water hose inside the pump out portal.
- Fill the tank with approximately 2 to 3 gallons of water.
- Empty one ounce of kronin into the head/toilet inside and flush.
- Put all the hoses back and replace the cap on the WASTE opening. **DONE!**



- Attach the pump-out hose to the fitting.
- Open valve and follow the direction on the pump.
- When finished, close the valve before removing the hose.

Remote Station Pumpout

See HELP PRESERVE in your Nautical Notes for locations of Remote Pumpouts.

- Unscrew WASTE cap.
- Place end of hose into opening.
- Work the hand lever to pump.



COMMON TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSES	REMEDIES
Holding tank is full		<p>Pumpout at the nearest marina or remote station</p> <p>After pumping out, add a packet of chemical and two gallons of water in the head</p> <p>Leave some water in the bowl to trap any odor</p>

GAS/PROPANE

Fuel Shut Off Valves

Each engine has a shutoff valve at its respective fuel tank below the rear deck hatch.

The generator also draws from each or both tanks.

Balancing fuel is accomplished by shutting the fuel valve to the generator on the lowest tank.

Refueling

Turn off grill.

Turn off all propane tanks 10 minutes prior to refueling.

Turn off all electrical breakers.

Turn off the generator.

Close all doors and windows.



Fuel Tanks

Your houseboat has a port and starboard fuel tank.

Fuel fittings are located on the rear deck in front of engine covers.

Checking Fuel Level

Fuel gauge is located on the helm.

Power to the helm is required.

Propane Tank

Propane tank is located inside the grill on the top deck. This is the only propane tank on this model.

A valve is located on the top of the tank. Turn counterclockwise to open. Turn clockwise to close.

Caution: NEVER siphon gas from your houseboat fuel tanks.

NOTE: Captain and Crew must remain on board your houseboat. **Wait for Fuel Dock personnel to assist you.**

COMMON TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSES	REMEDIES
Propane Smell	The grill is not turned off all the way	Turn off grill and tank unless in use

REFRIGERATOR

How to Start

Turn on the inverter output breaker
Turn on the REFRIG breaker on the AC
120 Volt panel.



The refrigerator on this model operates on standard 110V electricity just like the one at home. It is powered off of the inverted system and will work when your generator is off and as long as the house batteries have a sufficient charge

Refer to the instructions located inside the refrigerator/freezer for more details.

Recommended settings for the freezer is "C" and the refrigerator is "5". Some models may differ slightly.

Getting the most out of your Refrigerator

- Use ice chest for beverages.
 - Don't pack the refrigerator full, leave space for air to circulate freely.
 - Do not overload your refrigerator.
 - Cover foods with strong odor.
 - Cover foods that easily absorb odor.
 - The coldest areas in the refrigerator are under the cooling fins and at the bottom.
 - Warmest areas are on the upper door shelves.
 - The refrigerator will operate more efficiently if houseboat is level.
- Put cold or frozen food into the refrigerator rather than try to cool warm items.
 - Open door only when necessary.

COMMON TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSES	REMEDIES
Refrigerator does not Operate	Is the REFRIGERATOR breaker on? Is the temperature control in the off position?	Turn on the REFRIGERATOR breaker Set temperature control to "5"
Motor operates for long periods	Large amounts of food placed in the refrigerator to be cooled or frozen Hot weather or frequent door openings Tightly packed top shelf	The refrigerator will work better if items are cool before you put them in the refrigerator Put beverages and other frequently used items in the cooler Leave air space so cold air can circulate around the food.

RANGE

To Start the Burners/Oven

- Confirm that the generator is ON.
- Turn on Generator Main breaker.
- Turn on Range breaker.
- Range is standard household model and operates on 240V electricity from the generator.

To Shut Down

- Turn all knobs to OFF.
- Shut off the range breaker.

COMMON TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSES	REMEDIES
Stove/Oven does not work	Generator is not on AC Main is not on Range breaker is not on Generator is overloaded	Start generator Turn on the AC Main Turn on the Range breaker Turn off high load appliances such as air conditioner/heater, hot water, or microwave.

GRILL

To Light

- Confirm that the propane is on.
- Open lid of grill.
- Visually check to be certain where you will light the grill.
- Turn knob to HIGH to allow propane to flow into the tube.
- Use the igniter to light the grill.
- Adjust flame to desired setting.

Caution: NEVER stand over the grill when lighting.

To Shut Down

- After cooking, turn setting to HIGH for a few minutes to burn any excess food or grease from the grate.
- Turn knob clockwise to shut off
- Close lid.

NEVER put wood into the grill. Doing so could cause severe damage or injury.



COMMON TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSES	REMEDIES
Grill won't light	Propane is off Propane is empty	Turn on propane Be sure propane is full

HEATER/AIR-CONDITIONING

On/Off

- Generator must be running.
- Turn on AIR HANDLER breaker.
- Turn on AC Pump breaker.
- The thermostat is located on the main salon wall.
- Directions specific to the model on your houseboat are on the thermostat.
- The fan may run 10-20 minutes before you feel heat coming out of the vents.
- NEVER adjust temperature more than 20° more than the current temperature inside the cabin.
- Some models will have a Temp Hold button. You will have to press this to cancel Temp Hold before adjusting the temperature.

Intakes

- Take care to not cover the air intakes, located either in the floor or the wall.

Shut Down

- Turn off your thermostat approximately 15 minutes prior to turning off the generator.
- Turn off the AIR HANDLER breaker.
- Turn off the AC Pump breaker.



COMMON TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSES	REMEDIES
Heater won't work	Is the generator on? Is the AC Main on? Are the AIR CONDITIONER/ AIR HANDLER breakers on?	Start the generator Turn on AC Main Turn on AIR CONDITIONER/ AIR HANDLER breakers

COMMON TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSES	REMEDIES
Cooler won't operate	Is the generator on? Is the AC Main on? Are the AIR CONDITIONER / AIR HANDLER breakers on?	Start the generator Turn on the AC Main Turn on AIR CONDITIONER / AIR HANDLER breakers
No cold air	Air intake covered	Remove obstruction on air intake located on floor of salon near couch on some models

ACCESSORIES

Microwave

- Generator must be running.
- Turn on Generator MAIN.
- Turn on MICROWAVE breaker on the 120 Volt AC panel.
- Use microwave as you would at home.

Coffee Maker, Blender, Toaster and Can Opener

- Generator must be running.
- Turn on Generator MAIN.
- Turn on GALLEY OUTLETS breaker on the 120 Volt AC panel.
- Use the appliances as you would at home.

Stereo

- Push Power Button on the stereo
- Don't forget to turn it off when not in use so the battery isn't drained.
- The radio stations on the lake are limited and varied by location.

Television/Blu-Ray

- Turn on the TELEVISION breaker on the 120 Volt AC panel.
- Use as you would at home - most units are set to operate on HDMI 1 .
- There is no TV reception on the lake.

Auxiliary Fuel

- Remove the fuel nozzle from the storage box on the swim deck.
- Flip up the FUEL PUMP switch located inside the storage box.
- Auxiliary fuel will pull out of either engine/generator tank check gauges at the dash to determine which tank to pull out of. Use shut off valves on the top of the tank to balance them down.

