

WELCOME TO

GOOD HOPE



LAKE POWELL™

RESORTS & MARINAS



75' ODYSSEY

GOOD HOPE

HOUSEBOAT MANUAL

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MARINE RADIO

Safe Loading

- When loading your houseboat be sure to follow these guidelines for proper floatation.

Guidelines

- Boat must sit level front to back and side to side.
- Note the red lines on the aft port and starboard hull of the boat.
- While the boat is sitting still, water must not be touching either of these lines.
- If water is at or above these lines, re-adjust the load.
- If water is at or above these lines and the boat is not level from front to rear, the boat is overloaded – contact boat rentals for assistance.



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 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 16, 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 CARD

If for some reason you cannot reach us by Marine Radio, fill out your Request for Assistance Card located in your manual.

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.

Channel 26 is the Marine Operator.

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 or Hi/Lo 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

- Monitors the engine revolutions.
- Wide-Open Throttle (WOT) should be 4400 RPM's.
- The most efficient cruising RPM will be 3200 RPM

Fuel Gauge

- Key must be on for fuel level to register.
- Engine Temp
- Oil Pressure
- Volts

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

THROTTLE

Setting Neutral Throttle for Starting

- Confirm that the throttle is in neutral position.
- Turn the key to first click - Beeper will sound.
- Push and hold "black" command button while pushing throttle forward to the first detent
- Red light will flash and the (tone will stop) to indicate throttle only control.
- Turn key to engage starter. If the engine fails to start in 10 seconds, return key to ON position , wait 30 seconds and try again.
- Once it starts, advance the throttles till the tachometer reads 2000 rpm's and allow engine to warm up for 3 minutes.
- Return throttle lever to center position after warm-up
- Red light will be solid to indicate that the shift control is activated, and lever movement will engage prop.

GETTING UNDER WAY

From Neutral Throttle

- Return throttle to neutral position.
- Red light on controls will be solid.
- Push throttle lever forward to go forward or pull back for reverse.
- Advance throttle to increase speed.
- Always pause in neutral before changing gears.

Shut Down

- Return throttles to neutral position.
- Push engine shut down button until RPM falls to zero and engine is no longer running.
- Turn key to off.

- When approaching a dock.
- When approaching a beach.
- In narrow channels.
- In any situation that requires maneuvering your vessel, always pilot from the main helm

Note: Do not try to start the engines from the upper helm.

FLYING BRIDGE CONTROLS

Operation from Upper Deck

To get power to the upper deck controls:

- Engines should be running.
- At the lower helm - put engine control levers in neutral position.
- At the upper helm - push the "black" transfer button.
- Red light will come on.
- Push throttle lever forward to go forward or pull back for reverse
- To transfer control back to the lower helm, set upper helm controls to neutral, then return to the lower helm and press the "black" transfer button to regain control.

Don't Drive From The Upper Deck:

- In any wakeless area, including the marina.

ENGINES/HELM

COMMON TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSES	REMEDIES
Engine doesn't turn over	Is the throttle in neutral	Put throttle in neutral
Engine turns over but won't start	Out of fuel	Transfer fuel from the Toy Tank to the engine tank.

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 breaker for the inverter on the AC panel..
- The batteries will also charge directly from the engines. Operate the engines at 2000 RPM to charge

Charging is most efficient with unnecessary DC breakers off.

DC Breaker Panel

- Water heater
- Furnace
- Lights
- Spreader lights
- Water pump
- Fresh water
- Furnace
- Lights
- Stereo
- 12 Volt DC outlets
- Docking Lights
- Search Light Remote
- Fuel Transfer

Please Note: Turn off the Water pump breaker while underway beaching, or un-beaching. Once you are beached, leave this breaker 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. The bilge pump is wired to automatically switch on when water is present.

BATTERY TEST

1. House Battery

- Located in the upper left-hand corner of the main panel is the DC volt gauge.
- Push toggle switch to position 1.
- Should be between 11-13 volts when generator is not running.
- When generator is running and the Inverter is on, should be 12.5 volts or greater.

. Houseboat Batteries

- The Generator must be run 6 to 8 hrs per day to keep the batteries charged
 - A low battery alarm will sound and the LED on the control panel will flash when the battery's drop to 10.5 volts
 - DC power will shut down at 10 volts
- ### 2. Engine or Start Battery
- Push toggle switch to position 2
 - Should be 12 or greater when generator is not running.
 - When generator is running, should be 12.5 or greater.

3. Generator Crank Battery

- Push toggle switch to position 3
- Should be 12 or greater when generator is not running.
- When generator is running, should be 12.5 or greater.

Remember: Each light or appliance will need to be turned on individually once the breaker is on.

HOUSEBOAT BATTERIES

Tips for Getting the Most from your Houseboat Batteries

- When generator is running ALWAYS have the AC MAIN and Inverter breakers on.
- Charge daily.

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.

COMMON TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSES	REMEDIES
No DC Power DC Breaker off	House batteries low or dead	Turn on DC Breaker Start generator and Turn on BATTERY CHARGER Breaker
Cabin Light Dim	Low house battery	Start generator and Turn on BATTERY CHARGER Breaker
No Cabin Lights	CABIN LIGHTS DC breakers not on	House batteries low or dead Check Breaker Start generator and Turn on BATTERY CHARGER Breaker
No Lake Water Pressure	LAKE WATER PUMP not on Air lock	Check LAKE WATER BREAKER on DC panel HOLD down the toilet valve for 15-20 seconds
No Fresh Water Pressure	Fresh Water Empty	Refill with Potable Water at any marina

GENERATOR

The Generator is located in the center hatch on the rear deck of your houseboat.



Starting/ Warm Up

- Turn on the blower switch
- The remote start is located on the wall of the cabin at the top of the stairs to the lower berth.



- Confirm that the MAIN Switch and all circuit breakers are OFF.
- Hold the ON switch and momentarily press the start switch till the generator starts or for 20 seconds, no longer.
- If the engine fails to start, wait 20 seconds and repeat.

NOTE: The generator is hard starting with a load on the circuit. By continually

holding the starter switch, you can run down the battery or damage the starter.

- Allow the engine to warm up for 5 minutes.
- Switch the AC MAIN breaker ON.
- You may now turn on individual breakers to provide power to your houseboat.



AC Breaker Panel

- Hot Tub
- Galley Outlets
- Cabin Outlets
- Inverter (Leave on at all times)
- Air Conditioner
- Dishwasher
- TV / Stereo
- Refrigerator
- Fan
- Stove/Microwave
- Galley outlets
- Circulation Pump
- Bar
- Pump (Leave on when Air conditioner is on)
- Washer / Dryer
- Trash Compactor
- Galley outlets

GENERATOR

Inverter System

- Push STOP button
- TURN OFF BLOWER

Special Notes

If your houseboat breaks anchor and/or drifts sideways onto a beach, the generator 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 (lakewater) 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.
- This boat is equipped with two inverters.
- The inverter control pads are located at the bottom of the main panel - one on either side of the Tank System Monitor. They run the following systems.

- TV / Stereo
- Refrigerator
- Fan
- Stove/Microwave
- Galley outlets
- Circulation Pump
- Bar
- Pump
- These appliances will all work without the Generator running.

To Start the Inverter

- Push power ON on both remotes.
- Turn on individual breakers

GFI Outlets

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

To Shut Down Generator

- Turn off all AC circuit breakers
- Turn AC MAIN Switch to off

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? AC MAIN breaker off? Is that area's breaker on? Is GFI tripped?	Start generator Check breaker on panel Check breaker on panel Reset GFI Outletdeck
Generator Shut down	Out of Fuel	Check gauges
Generator cranks but won't start	Out of Fuel	Refuel

WATER PRESSURE

YOUR HOUSEBOAT IS SUPPLIED WITH 135 GALLONS OF FRESH WATER.

Fresh Water Holding Tank

- Fresh water refill is located on the outside starboard front corner and is marked "Shore Water Fill".
- Open only when refilling tank from a POTABLE water hose located at any marina.
- The fresh water has an on-demand pump that operates only when a faucet is turned ON.
- You must have the breaker for Fresh Water ON on the DC panel.

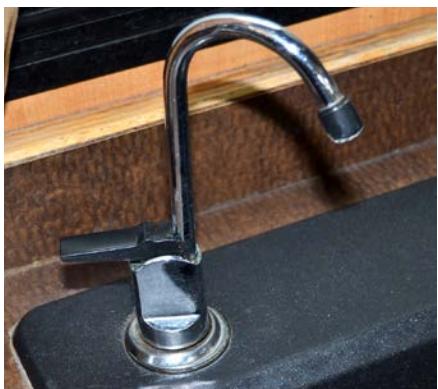


Lake Water Pressure

- Turn on the two Water Pump breakers on the DC panel.

Faucets

- The Large Kitchen Faucet is lake-water.
- Small Faucet is fresh water.
- All sinks and showers empty directly into the grey and black-water tanks.



Head/Toilet

- Water pump breakers must be on.
- To fill toilet bowl with water, lift up on the foot pedal for a few seconds.
- To flush, step down on the foot pedal.
- The head empties directly into the black-water Tank.

NOTE: Be sure pedal returns to the up position. Failure to do so can cause flooding.

WATER PRESSURE

COMMON TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSES	REMEDIES
No Lake Water	WATER PRESSURE breaker may not be on Low batteries Lost prime	Turn on breaker Charge batteries Press down toilet flush for about a minute to restore prime
No fresh water Out of water	Fresh Water breaker not on.	Refill at marina with POTABLE water Turn on Breaker

HOT WATER

YOUR BOAT IS EQUIPPED WITH TWO 10-GALLON CAPACITY WATER HEATERS.

To Start Water Heater

- Turn on the valve for your propane tank.
- Turn on the Water PUMP breakers located on the DC panel.
- Turn on the WATER HEATER breaker located on the DC panel.
- Turn on the WATER HEATER switch located under the main electrical panel.
- The red light will be on when water heater is lighting.
- Allow approximately 30 minutes for the water to heat.



Note: If water is already hot, water heater light will not come on nor will the water heater light.

COMMON TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSES	REMEDIES
Water Heater does not light	Propane may not be on Propane might not be full	Check your propane to be sure it is on Check your propane to be sure it is full.
The red light on the master switch does not come on	DC MAIN might not be on WATER HEATER breaker may not be on Water may already be hot	Turn on DC MAIN TURN on WATER HEATER breaker on DC panel
Ran out of hot water	You only have 20 -gallons of hot water	Allow 30 minutes to heat more water

HOLDING TANKS

YOUR HOUSEBOAT HAS BEEN EQUIPPED WITH BLACKWATER AND GREYWATER TANKS THAT HAVE A COMBINED 950-GALLON CAPACITY.

Full Service Pumpout

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

Self Service Pumpout

- Located in any marina.
- The pump-out fittings are located on the starboard side of the boat. There are two fittings, one grey water and one black.
- Remove the cap.
- Screw the correct sized fitting into the pump-out port on your houseboat. (Fittings are available at the dock on the pumps.)



- When finished, close the valve before removing the hose.
- Remove the fitting from your houseboat and replace on the 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 packet of provided chemical into the head/toilet and flush.
- Put all the hoses back and replace the cap on the WASTE opening.

- Attach the pump-out hose to the fitting.
- Open the valve and follow the directions on the pump.

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.



Hot Tub Pump-out

- The Hot Tub pumps at the same location as the waste.
- Attach the pump-out hose to the fitting.
- Open the gate valve on the boat and start pumping.

COMMON TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSES	REMEDIES
Odor	Holding tanks are full	Pump-out at the nearest marina or remote station After pumping out, add a packet of chemical and two gallons of water in the head Leave some water in the bowl to trap any odor

GAS/PROPANE

Fuel Tanks

- Your houseboat has four separate and independent 140 gal fuel tanks.
- The motor fuel tanks are on the port and stbd side of the rear deck under round deck hatches.
- The generator and Toy tank are on the wall port side rear deck.

Checking Fuel Level

- Motor fuel gauges are located on the helm.
- Power to the helm is required.
- The Toy tank gauges are located on the back deck



Propane Tank

- Propane tanks are located on the Port and Starboard side of the front deck.



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

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.

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 Make sure burner valves are all the way off

REFRIGERATOR

How to Start

- Turn on the Inverter breakers.
- Turn on the REFRIG breaker on the AC panel.



- The coldest areas in the refrigerator are at the bottom.
- Warmest areas are on the upper door shelves.
- The refrigerator will operate more efficiently if the houseboat is level.

- The refrigerator on this model operates on standard 110V electricity just like the one at home.
- Refer to the instructions located inside the refrigerator/freezer for more details.
- # 4 is the recommended setting Getting the most out of your Refrigerator
- Put cold or frozen food into the refrigerator rather than try to cool warm items.
- Open door only when necessary.
- Don't pack the refrigerator full; leave space for air to circulate freely.
- Do not overload your refrigerator.
- Cover foods with strong odors.
- Cover foods that easily absorb odor.

COMMON TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSES	REMEDIES
Refrigerator does not Operate	Is the Inverter Breaker ON? Is the REFIGERATOR breaker on?	Turn on the inverter breaker Turn on the REFRIGERATOR breaker
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 or Bar Fridges. Leave air space so cold air can circulate around the food.

RANGE

To Start the Burners/Oven

- To Light the Burners, confirm that the propane is on.
- Inverter breaker must be on along with Stove/Microwave breaker
- Turn control knob counter clockwise to the LITE position.



- Adjust heat, with knob, to the desired flame size.

To Light the Oven

- Confirm that the propane is on.
- Adjust oven temp at control panel on the top of the range

To Shut Down

- Turn all knobs to OFF.

COMMON TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSES	REMEDIES
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Burners or oven won't light	Propane is not ON or is empty	Check propane at bottle and be sure it is ON and is full.
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GRILL

To Light

- Confirm that propane is on.(Port side front deck).
- Open lid of grill.
- Visually check to be certain where you will light the grill.
- Turn knob to Light 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.
- DO NOT remove lava rocks.

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

Furnace On

- Turn ON the one Furnace breaker on the DC panel.
- Be certain that the propane is on.(Port side front deck)
- Set thermostat to desired temperature.
- The thermostat for the downstairs unit is on the main hallway wall.
- The thermostat for the penthouse is in the main hallway upstairs.
- The fan will come on and run for 2-5 minutes before you feel heat come out of the vents.

Furnace Off

- At thermostat, move white switch at button to OFF.
- Turn OFF HEATER breaker at DC panel.



- The fan will continue to run for 2-3 minutes after you have shut down the heating system.

Fireplace On

- The fireplace heats the salon only
- Be certain that the propane is on.(Port side front deck)
- Follow the lighting instructions behind the grate on the front of the fireplace.
- Set thermostat to desired temperature.
- The thermostat is on the main hallway wall.



Fireplace Off

- Turn down thermostat.
- Shut the gas valve behind the front panel (follow shut down instructions)

COMMON TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSES	REMEDIES
Heater won't light	DC main is Off Heater breaker is off Thermostat is off Low battery	Turn on DC MAIN Turn on the HEATER breaker Turn on the thermostat Charge the battery

HEAT PUMP / COOLING

Cooling On/Off

- Generator must be running.
- Turn AC Main breaker to Ship's Gen.
- Turn on AIR CONDITIONER breakers.
- The thermostat is located on the main salon wall. The thermostat for the penthouse is upstairs. Directions specific to the model on your houseboat are on the thermo-stat.
- The fan may run 10-20 minutes before you feel warm air coming out of the vents.

NEVER adjust temperature more than 20° less than the current temperature inside the cabin.

Shut Down

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

COMMON TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSES	REMEDIES
Cooler won't operate	Is the generator on? Is the AC Main on? Are the AIR CONDITIONER breakers on?	Start the generator Turn on the AC Main Turn on AIR CONDITIONER breakers

ACCESSORIES

Microwave

- Turn on Inverter breaker
- Turn on Stove/ MICROWAVE breaker on the AC panel.
- Use microwave as you would at home.

Blender, Toaster, Coffee Maker & Can Opener

- Generator must be running.
- Turn AC main switch to ship's Gen
- Turn on GALLEY OUTLETS breaker on the AC panel.
- Use these appliances as you would at home.

TV / VCR / DVD

- Turn on Inverter breaker
- Turn on TV / Stereo breaker on the AC panel.
- Use as you would at home.

Stereo (In the cabin)

- Turn on inverter breaker
- Turn on TV / Stereo breaker
- Push the power button on the receiver.
- The radio stations on the lake are limited and varied by location.

CD player (On the top deck)

- Turn on DC Main Breaker
- Turn on CD Player Breaker

Back Deck Camera

- Turn on DC Main Breaker
- Turn on Accessories Breaker
- Push power button on the unit

GPS/ Depth Finder

- Turn on DC Main Breaker
- Turn on Accessories Breaker
- Push power button on the unit

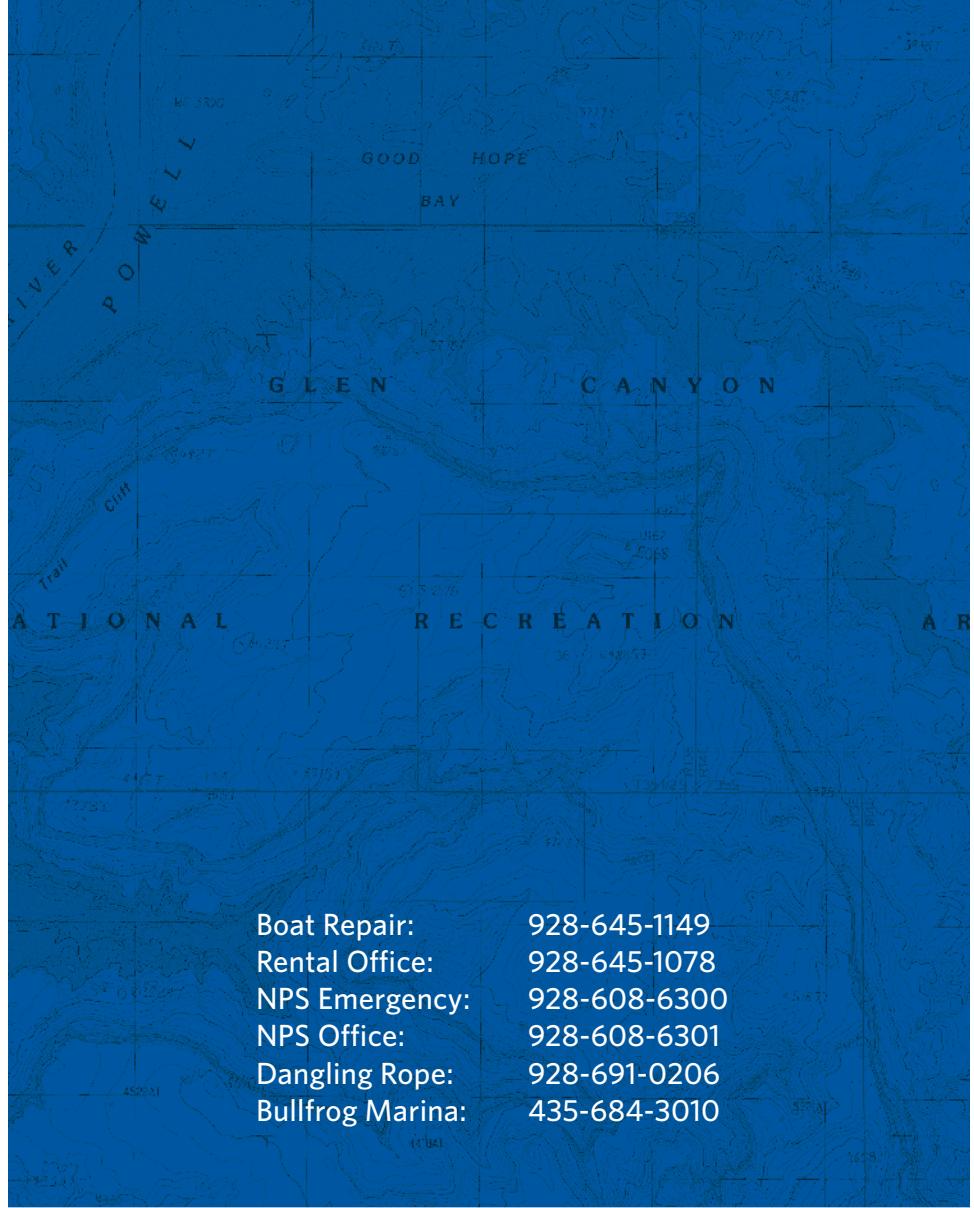


Fuel Transfer Pump

- Turn on DC Main Breaker
- Turn on Fuel Transfer Breaker
- Pull out Remote Fuel station Emergency shut off on back deck
- Turn on switch on transfer pump and begin fueling

Hot Tub

- The Hot Tub will heat and circulate water from inverter power but if jets are desired the generator must be running and the Hot Tub breaker located on the AC Main Panel in the cabin must be "ON".
- With the Tub full. Turn the propane bottles "ON" (Starboard side front deck) turn "ON" inverter breakers and the circulation pump breaker at the main AC panel in the cabin.
- Open the hatch under the tub on the port side turn the mini circulation pump "on".
- Open the hatch on the starboard side to adjust thermostat to desired temperature
- To turn jets on switch to "jet pump" and turn power "on".



A topographic map of the Lake Powell area, showing the Colorado River, Glen Canyon National Recreation Area, and Good Hope Bay. The map includes contour lines, roads, and various geographical features. Overlaid on the map are several text labels: "POWELL" along the riverbank, "GOOD HOPE BAY" in the center, "GLEN CANYON" below it, "NATIONAL RECREATION AREA" across the middle, and "TRAIL CLIFF" on the left.

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



LAKE POWELL
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