

## HOBO



### 40' (12.2 m) CUSTOM BUILT

<b>LOA:</b>	40' (12.2 m)	<b>Year:</b>	Mfg-1999 Model-1999
<b>Beam:</b>	13'6" (4.1 m)	<b>Mfg:</b>	CUSTOM BUILT
<b>Draft:</b>	Min 3'6" (1.1 m) Max 3'6" (1.1 m)	<b>Type:</b>	Trawler Aft Cabin
<b>Speed:</b>	7 knots / 9 knots	<b>Price:</b>	119,900 USD
<b>Location:</b>	St. Michaels, MD, United States		

## Additional Specifications For HOBO:

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<b>LOA:</b>	40' (12.2 m)	<b>Year:</b>	Mfg-1999 Model-1999
<b>Mfg. Length:</b>		<b>Mfg:</b>	CUSTOM BUILT
<b>Beam:</b>	13'6" (4.1 m)	<b>Model:</b>	Custom Retrofit Trawler
<b>Draft:</b>	Min 3'6" (1.1 m) Max 3'6" (1.1 m)		Laux
<b>Hull Mtrl:</b>	Fiberglass	<b>Type:</b>	Trawler
<b>Hull Cnfg.:</b>	Full Displacement		Aft Cabin
<b>Hull Designer:</b>		<b>Top:</b>	Enclosed P.H. W/Sundeck
<b>Deck Mtrl:</b>	Composite Fiberglass	<b>Speed:</b>	7 knots / 9 knots
<b>Disp:</b>	25000 lb (11340 kg)	<b>Engines:</b>	1xPerkins
<b>Range:</b>			4-236
<b>Flag:</b>	U.S.		85 HP , 2762hrs
<b>Location:</b>	St. Michaels, MD, United States	<b>Engines Year:</b>	1999
		<b>Fuel Cap:</b>	400 g (1514 l)
		<b>Water Cap:</b>	250 g (946 l)
		<b>Holding Tank:</b>	50 g (189 l)
		<b>Staterooms:</b>	2
		<b>Sleeps:</b>	4
		<b>Heads:</b>	2
		<b>Price:</b>	119,900 USD

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### 40' Custom Retrofit Trawler Overview

HOBO is a 40 foot live-aboard two stateroom trawler, at 7 knots she has a range of approximately 2,300 miles. Her hull was a former US Navy Liberty launch from the attack carrier Guadalcanal. She was an open launch with seating for 75 sailors. It was originally powered by a Detroit Diesel 6-71 and subsequently replaced by a Perkins 4-254 diesel rated at 85 hp, assisted by a get home wing engine Yanmar 2 cycle 20 hp diesel. She was relaunched in the Spring of 2000 totally retrofitted by David Laux and built in Georgetown Delaware for the current owners. HOBO has two double cabins, a forward head and vanity, a spacious pilot house, with the aft cabin encompassing a well equiped galley to starboard, port side head and shower, a 7 foot settee that converts to a comfortable berth is opposite the saloon dinette in the aft section cabin. Engine room access is from the Saloon door with additional access through the pilothouse floor. The engine room sports a 71" headroom, is 8' long and 9' wide. Located aft of the pilot house and above the Saloon is a large deck area (8' long and 10' wide) that serves as an outdoor seating area. It can be shaded by deploying a bimini type top between SS frame mounted at the aft end of the Pilot House and at the stern rail. There is permanent seating on the deck box on the Stbd side aft and on the propane locker at the Pilot House. A ladder aft leads down to the swim platform, there is access to the Pilot House via an inside stairway and side deck stairs lead forward on the outboard sides to the lower deck. She has passive para-vane stabilization achieved underway by deploying two aluminum "fish" to both the port and starboard sides of

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the vessel. This system traveling several feet under the water and outboard of the HOBBO provide the forces necessary to dampen and prevent severe rolling motions. A proven system that works.

Please visit Hobo on display in Trawler Fest Baltimore September 26th through the 29th.

### **40' Custom Trawler Interior and Pilothouse**

Cherry was used on all interior wood finish surfaces and trim except for the floors which are teak and holly. The heads and galley have tile floors and the counter-tops in the galley are Corian. The Pilot House is 10 x 9 wide and has two pilot chairs and a 4 raised foot settee, 2x storage bins are under. The chart table opens up for access to chart storage. Outboard of the stairway forward is an equipment locker and drawer. There is one large overhead hatch and 4x forward facing windows (2x open). An additional 5x sliding windows provide an almost unobstructed 360 degree visibility. The Pilot House doors 2x each slide open for line handling access, docking and the windows in each door lower for "dutch door" ventilation

### **40' Custom Retrofit Trawler Electronics**

Garmin Radar 18/24 HD New 2010  
GPS 700 w/full chart East Coast expandable w/disks  
AIS-2-USB "B"  
Autopilot: Simrad AP20  
Remote control steering system that can be interfaced w/Garmin GPS/chart-plotter  
Interphase Twinscope  
Horizon DS30 digital - Depth  
Horizon DS30 digital - Speed  
VHF ICOM Model #M504-2

### **40' Custom Retrofit Trawler Staterooms Master and Guest (saloon aft)**

The master has a two berth layout it's 9 feet long and 8 feet wide. An en-suite head and sink accompany the master. The port berth is 75" long, 34" at the head and 22" at the foot. The Stbd berth is 75" long, 38" at the head and 22" at the foot. A full size hanging locker with shoe storage locker below. Under each berth are 6x large drawers and a computer storage locker below. there is a table between the foot of the berths where hatches provide entry and headroom to the stand-up forepeak. 2x sliding window ports and 3x 7"x14" bronze/chrome ports and a large overhead hatch which provides light and ventilation. Reading lights and fans are mounted at each berth. Located just aft of the owners cabin on the Stbd side upper and lower bunks (upper bunk swings down to make a sofa). 6x drawers and a large under lower berth and four in dresser-end table, sliding windows, overhead hatch and all have screens. these also have reading lamps and fans, with a hanging locker in the foyer.

### **40' Custom Retrofit Trawler Forward Head and Foyer**

The forward head in the owners cabin has a Vacuflush head and a sink supplied with hot and cold water. There is a mirror, a medicine cabinet and a large Corian counter-top. Heat is provided by a separate convection hydronic heat source under the counter, ventilation and light is supplied

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by a round, opening port and an overhead hatch. The foyer provides a storage locker outboard at the head of the ladder and three storage areas outboard at the floor level. The hanging locker for the guest cabin is located here opposite the door to the guest cabin.

#### **40' Custom Retrofit Trawler Aft Head, Sink and Shower**

The port side forward; head, sink and shower is the main showering area. the head is equipped with an electric Vacuflush head, separate wet shower stall that has a round port. Behind and above the head is a linen locker, the sink has a filter water dispenser. Above the sink is a medicine cabinet, mirror and below a storage locker. the sliding window provides extra light and ventilation. the floor is tiled and the hydronic heat is controlled by it's own thermostat.

#### **40' Custom Retrofit Trawler Aft Cabin Galley / Dinette / Sette**

The galley is on the stbd side, it has tiled floor, cherry cabinetry and Corian counter-tops. A full size Dometic refrigerator (propane, DC and AC) with an upper freezer section, a four burner propane stove with an oven, a microwave oven, double SS sink unit, filter water spout and spray unit for rinsing. There are multiple drawers, storage units and lockers for provisions, dishes and miscellaneous cooking/prep equipment. A liquor cabinet is built into the inboard end of the counter-top unit. The dinette has seating for 6x comfortably with it's 4' by 3' foldout table. The seating is "L" shaped and can be augmented with two folding, high stools that store under the aft cushions. The table folds down and also slides towards mid-ship for easy access to both side and the outboard seat. There are two large lockers located under the seats and grocery bins under the raised floor and a shelf that runs about 20 linear feet around the outboard sides of the saloon with a cherry fiddle for holding items in place. The port side provides a 7' settee which of course converts to a berth, it has 6x drawers and 3x storage lockers underneath it. Port lights include 4 opening windows and 2x fixed windows in the saloon. Aft as you can see in the photos a door with an overhead companionway hatch provides access to the swim platform via a ladder. Heating comfort for year long cruising is provided by a hydronic unit using engine hot water while running saving fuel which would be used by the Hurricane heater otherwise.

#### **40' Custom Retrofit Trawler On Deck equipment, Outdoor area & Safety**

Two anchors, a 60 lb plow (25' chain 5/16 rode) and a 45 lb Max (Chain and rope rode) are carried on the bowsprit. An aluminum Danforth type is carried on the forward cabin roof and fisherman style anchor is stowed in the Saloon bilge. The windlass is hydraulic and controlled with foot controls from the bow with a master switch at the helm. It's a heavy duty unit rated at 5hp+. Additional rodes are stored in the fore-peak and in the Saloon bilge. Pressurized raw water is available forward for wash down. Located aft of the Pilot House a 10' x 8' deck area provides outdoor area that Can be protected from the sun by a SS framed bimini. A propane BBQ is mounted to the Port rail aft and a propane locker holds 3x 20 lb containers. The vessel contains an automatic fire suppression system in the engine room. Fire extinguishers are also located in each cabin, an air power horn with its own compressor with dual exterior horns is used for audible warnings or in fog. The boat deck provides a throwable Life-sling in a fiberglass case mounted on the rail, pumps with alarms are mounted in the main hull and in the swim platform. There is also a large capacity Edison manual hand bilge pump below the galley floor access. Another important safety feature is a high and very strong aluminum life rial all the way around the boat deck. Numerous overhead and vertical handrails both on

the deck and in each cabin, most are within reach from almost any position above or below deck. There are CO and propane sniffer alarms in the Saloon.

### **40' Custom Retrofit Trawler Para-vanes / Flopper Stoppers & Dinghy Storage**

Roll stabilization system uses paravanes which is achieved underway in beam seas by deploying two aluminum "fish" (paravanes) suspended from aluminum poles mounted on the main deck but controlled from the upper deck. A systems of winches and pulleys lowers the poles into position and the fish attached by three stran nylon line to the outer ends of the poles are then dropped overboard. Traveling several feet under the water surface these provide the forces necessary to dampen and prevent severe rolling motions. This system is widely used on commercial fishing vessels.

The dingy is a 10'6" Avon RIB powered by an Evinrude 2005 two stoke 8hp outboard. The dingy is fitted with weaver davits with a special Weaver fittings fore and aft to transfer engine weight directly to the davit. When the dingy is launched from its stored position up against the transom a small winch mounted on the aft rail is used to crank it down to the floating position.

The the dingy fuel is stored in the swim platform storage compartment which is vented overboard and cannot vent fumes into the vessel. The outboard motor remains in position on the dingy.

### **40' Custom Retrofit Trawler Electrical System**

A 200 amp alternator is the heart of the system. It is mounted on the front of the main engine using double belts and a jackshaft bearing. An additional lower amp alternator mounted on the engine maintains a series 27 battery dedicated to engine starting. The larger alternator charges a bank of 4 six volt batteries supplying 12 volts to the boat systems. A three stage controller regulates the charge. At a dock the 1500 amp Trace inverter maintains the battery charge and supplies 110 volts AC. dock power input is a 30 amps. The Yanmar engine drives an 80 amp Balmar alternator. The distribution point for the electrical system, 12 volt DC and 120 volt AC, is the circuit breaker panel located at the fore end of the Pilot House just below the chart storage area. There are a total of 18x 120 volt AC outlets and 5x 12 volt DC outlets in the cabins and engine room. All outlets are GFI protected. Each cabin has mutiple 12 volt lighting fixtures and 110 volt fluorescent in the engine room.

### **40' Custom Retrofit Trawler Propulsion System**

The main engine is a Perkins 4-254 diesel rated at about 85 hp. The transmission is a Velvet Drive 2.5:1 ratio. There is a 2" stainless steel shaft to a bronze three bladed prop 26' by 22'. The controls are mechanical, going to the helm station in the Pilot House. The auxiliary of "get home" engine is mounted on the Stbd side. It is a Yanmar 4 cycle diesel installed in the Spring of 2010 driving its own two bladed 18" prop. The controls for this engine are mounted at the helm.

The hydraulic system is mounted on a PTO on the forward end of the main engine, two valved hydraulic motors, one on the windlass on the foredeck is controlled by a mechanical foot switch, the other is the bow thruster controlled by a mechanical lever mounted at the helm. The controls are via cables to the valves in the engine room. The hydraulic pump is engaged by a switch on the main panel near the helm.

## **40' Custom Retrofit Trawler Heating and Fresh Water Systems**

When the boat is under way the main engine can supply heat, a large 25,000 btu truck type heater blows hot air out into the galley area where it heats the saloon and by convection, the Pilot house. A second independent heating system is a Hurricane circulating hot water 45,000 btu Hydronic where water containing antifreeze is heated in a diesel fuel furnace in the engine room and circulated through the boat. This system provides excellent heat during the coldest of winter months.

The fresh water system source is stored in 3x tanks. 2x are under the seating in the saloon and one is built into a compartment under the floor in the owners cabin for a total of 250 gallons of fresh water. In the engine room is a distribution manifold so that any of the three tanks can be selected. An in-line meter measures usage, 1/2" plastic tubing is used throughout the vessel. Hot water is created by the main engine or by the Hydronic furnace (hurricane heater), or by using shore power. Valves in the engine room select either system.

## **40' Custom Retrofit Trawler Disclaimer**

The Company offers the details of this vessel in good faith but cannot guarantee or warrant the accuracy of this information nor warrant the condition of the vessel. A buyer should instruct his agents, or his surveyors, to investigate such details as the buyer desires validated. This vessel is offered subject to prior sale, price change, or withdrawal without notice.

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**40 Trawler starboard bow**



**40' Trawler starboard bow**



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## 40' Trawler aft deck



## 40' Trawler stern & swim platform



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**40' Trawler starboard side stern looking forward**



**40' Trawler port side shot forward**



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**40' Trawler stern saloon, ladder & swim platform**



**40' Trawler Bow**



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## 40' Trawler Bow / anchor / windlass



## 40' Trawler Pilothouse



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## Other



**40' Trawler walkway from pilot house to saloon**



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## 40' Trawler Port side settee



## 40' Trawler Collapsible extra fresh water bladders



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## 40' Trawler Port settee and side dinette



## 40' Trawler Galley



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## 40' Trawler Master stateroom



## 40' Trawler guest stateroom



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## 40' Trawler Head



## 40' Trawler Aft shower & head



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**40' Trawler Door location under saloon steps**



**40' Trawler Engine room door access**



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**40' Trawler Get-home wing engine**



**40' Trawler Propane storage area seat**



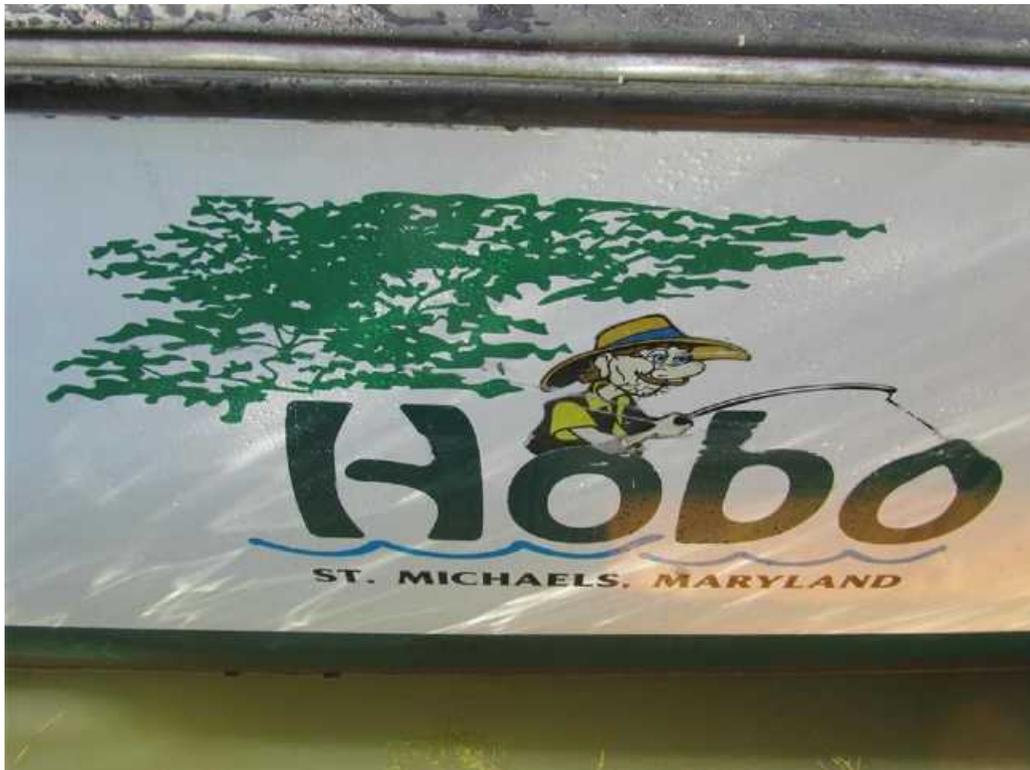
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40' Trawler Mid ship vessel name



40' Trawler Fender storage, grill & fish



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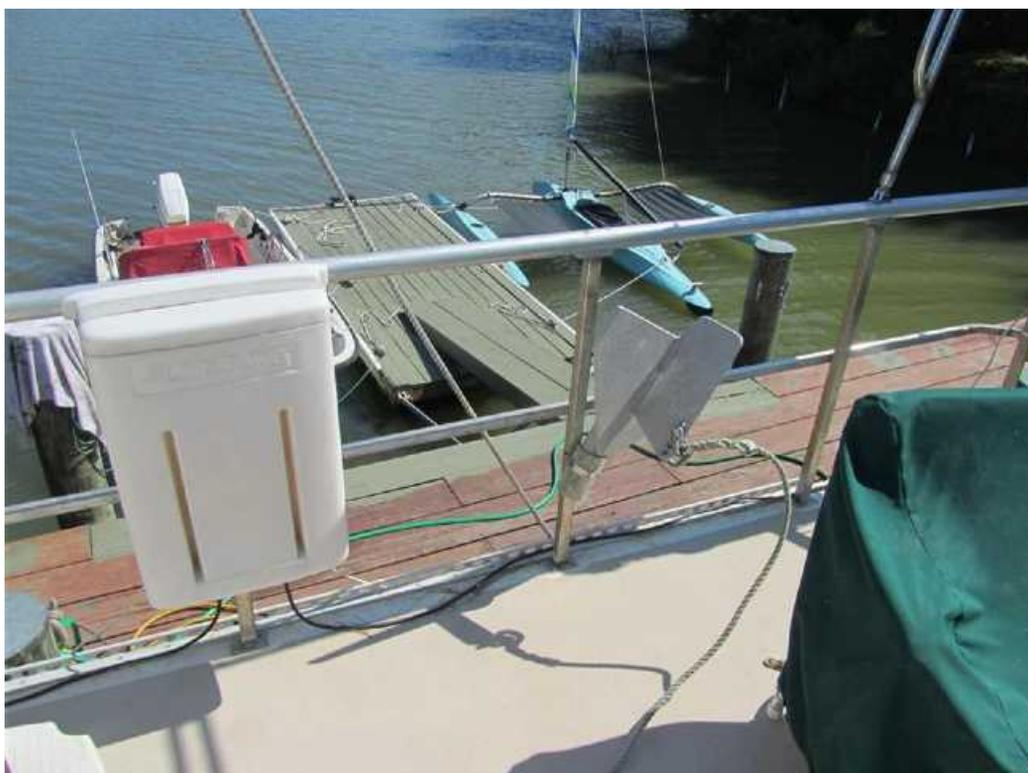
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## 40' Trawler MOB PFD & Para-vane fish



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