

# Morning Glory

**Owner:** Earl & Connie Yost

**Home Port:** New Martinsville, WV, Ohio River Mile Marker 125

**Hull Type:** Model Bow

**Hull Material:** ¼" Steel

**Length:** 48'

**Width:** 14' hull & 16' wide deck

**Draft:** 23"

**Wheel Diameter:** 10'

**Wheel Width:** 8'

**# of Buckets:** 20

**Engine Type/Size:** 4BT Cummins diesel 105 HP with a TH 400 transmission

**Drive Train Type:** 6 VX belts to 120 intermediate drive chain to 140 final drive chain designed by Gary Morton

**Built By:** Earl Yost

**Built at:** New Martinsville, WV

**Date:** September 2007-July 2013

**Past Names (oldest to newest):** Morning Glory

**Description and History:** The cabin superstructure is wood and consists of an engine room, head with shower and full kitchen. There are inside stairs to an upper level, a couch that makes a bed (both levels) and folds away to allow total boat access to all our visitors. It is equipped with a generator, fresh water-200 gallons, fuel tanks total-250 gallons, and carries 2-100 pound propane tanks for kitchen stove and heater. The Raristan Electrocan self-contained sewage system powered by solar panels. The **Morning Glory** was built entirely by Earl and Connie Yost as a retirement project. Hull has 4 watertight compartments. This boat is equipped with 4-12' spuds all individually operated which allow it to enjoy its own docking anywhere we can find to sink them into. Recently installed a 25 gallon day tank, the idea stolen from Butch Williams the Sunshine sternwheeler.



Morning Glory continued on next page

# Morning Glory (continued)

Update 2/2016

2014 Marine Survey with a rebuild estimate of \$735,000.

Max bridge clearance 22 ft

2 main and 2 monkey rudders

8 bilge pumps (2 each compartment) one port and one starboard

Depth sounder

Deck is 12G steel

Weight, approximately 25 to 30 ton (includes 5 ton ballast)

LOA is 56', including ramp 72', beam 14', deck 16', drafts 24" and 24" freeboard

Hull depth is 47", plenty of storage space and deep to work in.

2- 8' aluminum side planks for reaching banks not accessible from the bow

30 to 1 gear reduction, all mechanical

2 heat exchangers, one each for engine oil and transmission.

Cruise speed 6 mph, max 8 mph

Wiring is all Marine boat wiring both 12 Volt DC and 120 AC

Champion 3500-4000w generator runs everything with little fuel consumption

5 solar panel array (top) and regulator with 2 deep cycle marine batteries linked and a 1000W converter. Stores enough power to run everything on the boat.

Window AC

Engine also has 2 batteries linked for extra power storage

Cobra Marine D.S.C radio, deck horn and 8" bell

TV's both downstairs and up with antenna and auto rotation.

16' aluminum ramp, with electrically driven hoist. Can be turned 90 degrees port and starboard

Full featured head with sink, medicine cabinet, tile shower stall and pocket door.

2" foam under hardwood bamboo flooring downstairs, carpet upstairs

Will not freeze inside #2 and #3 compartments below deck

Electric and air driven horns.

Stereo system with speakers throughout and CD players

Oak cabinets microwave and refrigerator freezer in galley with a 3 burner gas cook stove.

Safety equipment includes several fire extinguishers and 30+ life vests as per COI

Railings and gates on the lower deck and chain link fencing on the upper level allow for possible commercial use.

Newly built post with eyelet that will allow tying off while going through locks from the top deck which allows a person to run the boat and lock through by themselves.

Tires along each side act as cushions against other boats and docks, also works great as a rub bar when locking through.

This Facebook link will show much of the build and hundreds of photos.

<https://www.facebook.com/MorningGlorySternwheel>

This YouTube link gives my personal explanation as to why and how she was built plus a video of her under way. <http://youtu.be/dxn1LEdQ2wI>

