



The Audubon Ark

Lilly Belle

A Classic Sternwheel Packet Boat

WELCOME ABOARD!



Lilly Belle at Dubuque, 2001

Built in 1958 by Captain Ike Hastings, Lilly Belle was the 23rd boat Ike designed and built. Audubon started working with Ike and Lilly Belle in 2000, for the second Audubon Ark Adventure and Education tour on the Upper Mississippi River. We continued to develop our relationship with the boat, its builder and, of course, the River during the following two seasons. In the spring of 2003, Ike sold Lilly Belle to Audubon, and now in addition to Captaining Lilly Belle he is building his 49th boat on the banks of the Mississippi River, in Bellevue, Iowa.

FREQUENTLY ASKED QUESTIONS

Length of Boat:	62 feet
Length of Barge:	42 feet
Width of Boat:	18 feet
Width of Barge:	22 feet
Draft:	18 inches
Height Above Water:	30 feet with aerials (23 w/o)
Year Built:	1958
Hull Built:	Dubuque Boat & Boiler Works Ice Harbor, Dubuque, Iowa
Superstructure:	Built by Ike in Sabula, Iowa
Engine Type:	Diesel – 5 Cylinders – 73HP Air Cooled
Engine Make:	Deutz (Germany)
Paddlewheels:	2, with ability to operate forward & reverse independently
Paddlewheel Drives:	2, Poclair hydrostatic motors (France) One drive on the outside hub of each paddle wheel. The diesel engine drives a hydraulic pump, which sends hydraulic oil to each drive at 4000psi.
Wheel Diameter:	12 feet
Spokes:	12 sets of spokes (“Buckets”) on each wheel
Total (Bucket) Boards on Paddlewheels:	48
Average Speed Upstream:	4 miles per hour
Average Speed Downstream:	7 - 8 miles per hour



Lilly Belle at Lansing, 2002



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