

Small Boat Restoration is a family hobby adventure specializing in small boat sailing and restoration. Our mission is to return as many boats as possible to their natural habitat, while having fun boating along the way. Our goal is to inquire, inform and inspire others to do the same.

*Barbashela's* restoration began on January 31st, 2016 when we picked her up in pieces from Beauvoir and transported her to our residence in Navarre, Florida. We worked on her in the driveway, garage and in the Heuer Garage aka Lewis Boat Works aka carriage house. Day and night, rain and shine. She taught us a lot of things and helped us make many new friends along the way. We are deeply indebted to Miss Winnie and Captain Push, as they cheerily guided our efforts along the way.

Restoration complete, *Barbashela* returned to her Beauvoir home November 18, 2016. It was difficult to drop her off in Biloxi, but she always will be part of our home. Now she can continue to inform and inspire generations to come.

Thanks you for being part of the journey!

Fair Winds,

Kent, Audrey, Ben and John

Small Boat Restoration

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<http://smallboatrestoration.blogspot.com>

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## Table of Offsets in Feet - Inches - Eighths

for the bateau *Barbashela*, property of Miss Winnie Davis, Beauvoir, Biloxi, Mississippi

Design by Captain Thomas P. Leathers circa 1880

Construction overseen by Captain Thomas P. Leathers 1880 from the deck of his steamboat *Natchez*

Lines taken from restored rowboat by Audrey, Kent, John and Ben Lewis on 14 Oct 2016

Station:	0	2	4	6	8	10	12	14	16	18	Transom
<b>Bow to forward face of aft frame*</b>	Bow Forward Face	2-5-7	4-6-3	6-8-0	8-10-0	10-10-4	13-0-6	15-1-6	17-2-7	19-3-3	20-1-4
<b>Station Height from floor</b>	Stem (0)	2	4	6	8	10	12	14	16	18	Transom
<b>Sheer</b>	2-6-5	1-10-2	1-6-4	1-3-5	1-2-0	1-1-3	1-2-1	1-3-7	1-5-7	1-8-1	1-9-0
<b>Bottom</b>	0-6-2	0-4-4	0-3-0	0-1-4	0-0-0	0-0-0	0-1-0	0-1-4	0-5-2	0-8-4	0-10-2
<b>Breadth (Full)</b>	Stem (0)	2	4	6	8	10	12	14	16	18	Transom
<b>Sheer</b>	0-3-3	2-2-5	3-6-8	4-7-4	5-0-2	5-0-5	5-10-2	4-6-4	4-1-4	3-7-8	3-3-5
<b>Bottom Outside Plank</b>	0-1-0	0-7-6	2-8-5	3-3-7	3-5-0	3-1-4	2-6-5	2-2-1	2-0-4	1-11-0	1-10-6

**Notes:**

\*Stations were measured along bottom, from front of stem to forward face of cross frame. Where there are doubled cross frames, the measurement is to the forward face of the aft cross frame.

Lines to outside of plank, bottom, stem and transom

Stem bevel 10 degrees

Sheer breadth includes outer gunwale 0-0-7(+) each side

Keel batten 0-0-7(+) not included in heights

Scarfs 8:1

**Specifications:**

Length Overall (LOA) 20 feet 7 inches

Length Water Line (LWL) 10 feet with 200 pound load

Beam 5 feet 5/8 inches

Weight 526 pounds

**Colors:**

Valspar Ultra 4000 Alkyd Enamel Satin, Pastel base, Swiss Coffee 7002-16

Valspar Ultra 4000 Alkyd Enamel Satin, Pastel base, Whipped Apricot 2007-2B

Valspar Anti Rust Armor Alkyd Enamel, Mark Twain House Brown 2011-8

**List of Parts - Materials - Size ( Thickness or Height x Width x Length) - Fasteners**

Side planks - cypress - 15/16 inch - silicone bronze #10 1 3/4 inch

Bottom planks - cypress - 15/16 inch - silicone bronze # 10 1 3/4 inch

Frames - cypress - 1 inch - silicone bronze

Cross frames - cypress - 1 inch - silicone bronze #8 1 3/4 inch

Transom - cypress - 1 1/2 inch cypress

Skeg - cypress - 1 1/4 inch - silicone bronze

Breast hook - cypress - 1 inch - silicone bronze

Oar lock pads - cypress - 15/16 x 2 7/8 x 14 inch - silicone bronze

Seat risers - cypress - 2 x 1 x varied - silicone bronze

Rowing thwarts - cypress - 1 1/4 x 10 3/4 inch - silicone bronze

Gunwale - cypress - 1 3/4 x 15/16 x varied inch - silicone bronze

Floor boards - cypress - 1 inch x varied x 16 feet 9 inches(+)

Hood ends to stem - #12 x 3 inch silicone bronze

Batten to bottom - #10 x 1 3/4 inch silicone bronze

Gunwale to sheer clamp #12 x 2 1/2 inch silicone bronze

Bow eye - steel - 1 1/2 inch x 1/2 inch rod inch diameter

Bow ring - steel - 4 inch x 1/2 inch rod inch diameter

Skeg strap - copper - 1/4 inch x x 16 inch

