

THE LOBSTER SKIFF

Designed by Joel White, redrawn by Tom Hill, Spring 2009

Length; 15' 6" Beam; 5' 2 1/2" Weight approximately; 400 lbs.

SCANTLINGS AND MATERIALS

THE BUILDING JIG

Strong back; 2) 2 x 8 x 15' and 1) 2 x 8 x 12 for cross spalls.

Molds; 9) shts. Of 1/2" 4 x 8' MDO plywood.

Mold cleats; approximately 35' of 2x4 stock.

Dry wall screws; 3" 2" and 1 1/4" about 20 of each size.

THE HULL

Planking; 90) 17' x 1" x 1/2" bead and cove, clear, quarter sawn Alaskan yellow cedar.

Transom; 8/4" x 12" x 10' Mahogany finished at 1" 3/4" thick.

Inner stem laminates; 8) 2" x 1/4" x 6' Mahogany finished.

Outer stem laminates; 8) 2" x 1/4" x 6' Mahogany finished.

Keel; 2" x 2" x 14' Mahogany

Rails; outwhale 17' x 1 1/2" x 3/4" inwhale 14' x 1 1/2" x 3/4"

Breast hook; 1" 3/4" Mahogany finished, leave 1/4" proud of the rail for crowning.

Quarter Knees; 1 1/2" Mahogany

Seat riser; 1 1/2" x 5/8" x 11' 6" Mahogany

Seats; 20 lin. Ft. 1 1/4" x 12 1/2" finished Mahogany

Exterior fiberglass; 35 ft. of 24 oz. x 60" biaxial cloth.

Interior fiberglass; 80 ft. (2 layers, including transom single layer) of 10oz. x 60"

Epoxy; 15 tubes of West System 610 for the strip planking.

Epoxy; approximately 4 gal. 105 resin with 206 hardener.

Fasteners; all bronze sized appropriately.

Note: These are the materials used for the prototype, appropriate substitutions such as different wood species can be made.