

SKIPJACK KATHRYN  
Specifications

Item	Dim	Wood	Decription from HAER / NRHP	Comments	Questions	Scale Sizes	
						Width	Thickness
Anchor Windlass			Hand Operated, painted silver. Mounted aft of the stanchion post.				
Bowsprit	22 Ft Long, Sided 12" x 11" at aft inboard end		Walking Boards fitted by present owner. Forward 5.5 ft are varnished, the remainder is painted white.			0.375	0.3438
Ceiling Timbers	1-3/4 x approx 9" (+/- 1")	Pine	Forward timbers end at chain locker, stern timbers end at stern frame. Limber boards (along keelson not present in main hold.			0.2813	0.0547
Centerboard Trunk	2" x 11-1/2" Trunk Walls	Pine	Cuts through Keel and Keelson.			0.3594	0.0625
Chine	Est 2" thick	Oak	three narrow planks, no chine log				0.0625
Clamp	5-1/2 x 2-3/4	Pine	Reinforced forward with 5-1/2 x 2-3/4 oak			0.1719	0.0859
Cutwater	5" thick			Measured from drawing			0.1563
Deck Beam - Stern Timbers (a)	4 x 3-1/2	Oak	Aft of Rudder Box	7c on Sheet 5		0.125	0.1094
Deck Beam - Stern Timbers (b)	6 x 3	Pine		3 pieces - 7d on Sheet 5		0.1875	0.0938
Deck Beams 1-3	6 x 4-3/4	Oak				0.1875	0.1484
Deck Beams 4 - 23	5-1/2 x 5-1/2	Pine	Beams 12 - 15 are oak (under winders)			0.1719	0.1719
Deck Planks	3-1/2 to 4 wide, 1-3/4 thick	Fir	Some inboard timbers measure 5" to 7". Parallel to centerline, ends tapered to the waterway.		Need to determine King Plank length and width	0.125	0.0547
Frames	Irregular	Oak	First set fitted against the stem knee. Sets 2 thru 18 morticed into keelson. Sets 19 and 20 pass under the keelson. Dimensions and pairing are highly irregular due to use of new and old timbers.				
Garboard Plank			Twisted at the forward end to meet the stem.				
Hull Fastenings		Iron	Capped with wooden plugs				
Hull Strakes	Est 2" thick		Oak below chine, Pine above. Widths are highly irregular.				
Keelson fwd of cabin - aft section of scarf	1' - 2" wide	Oak	Aft section inaccessible for HAER survey. Measured at the garboard strake, tapered at the bow. Keelson is formed of 2 sections, scarfed between frames sets 15 and 20	Keelson width on the model will be a consistent 16".			

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Keelson fwd of main cabin, section fwd of scarf	1' - 4" wide x 10.5"	Oak	Measured at the garboard strake, tapered at the bow. Keelson is formed of 2 sections, scarfed between frames sets 15 and 20	Taper is the final 12" at the bow.			
King Planks	16-1/2" Wide, 2-1/2" Thick (2)	Pine		Extends from Main Hatch to inner stem. Outer edges are rounded for safety.		0.5156	0.0781
Knight heads	11" x 4" (2 on each side)	Oak		Tapered - to top of chine. Bevel at inner stem. Cut out and bevel in way of bowsprit.		0.3438	0.125
Ladder		Iron		Located in fwd berthing area			
Log Rails	4.5 to 5" high	Oak	Fastened with iron stanchions. Topped with a low pinrail forward and a higher pinrail from dredge rollers around the stern.	Need to measure log rails from drawings	Dimensions?		
Main Hatchway	6' 7" wide, 5' 7" long		Located aft of the mast.				
Main Hatchway Coaming	8.5" high, Sided 2.5"					0.2656	0.0781
Mast	1' - 1.5"	Pine	Iron hoop at foot. Morticed into keelson. Sides at and below deck are faceted (octagonal) for insertion of mast chocks.	Inclined 9.5 degrees aft (measured from Inboard Profile drawing). Mast tenon fits in a 5" wide slot in the keelson			0.4219
Mast Chocks	2" thick	Pine	Faceted between mast, deck, and partners.				0.0625
Mast Partners	3-1/2" x 11"	Oak				0.3438	0.1094
Push Boat Davits	2.5" x 2.5"		Made of square metal stock.			0.0781	0.0781
Push Plate	12.5" wide, 31" long, 2" thick	ns	Mounted in center of transom			0.3906	0.0625
Rails (Pinrails)	3-1/2" x 1-3/4"	Oak				0.1094	0.0547
Rudder Post	10" x 18.5"		Forward of Transom (called an "Inboard Rudder" on skipjacks)			0.5781	0.3125
Sampson Post	1' - 2" x 5"	Oak	(Dim is at head) Tapered to 5" x 5" at foot. Mortised into stem knee	Inclined 2.5 degrees aft (measured from Inboard Profile drawing).		0.4375	0.1563
Second Hatch	3' 5" wide, 3' 5.5" long		Located aft of the dredge winder				
Second Hatch Coaming	9" high, Sided 2.5"					0.2813	0.0781

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Scuppers	4 on each side	Steel		Locations are shown on sheet 4 as holes in Port Rail Profile and as oval drains on Deck Plan			
Stanchions	5-1/2" x 5-1/2"	Oak				0.1719	0.1719
Stem (inner)	10" x 8-1/2"	Oak		Measured from drawing		0.3125	0.2656
Stem (outer)	11" x 14" (tapered)	Oak		Measured from drawing		0.4375	0.3438
Stem Knee	10" wide	Oak		Measured from drawing		0.5781	
Strong Back		Pine	Composite Construction. Top is 5" square. Bottom piece is 1' - 3" at center, tapered to sheer and beam.				
Transom		Oak	Fore and aft frames average 3-3/4" sided (see Sheet 4 Side Section for molded). Diagonal braces are 6-3/4" x 2 ". Side molding is 8" x 6", rounded at chine.		Need to understand side molding of Transom.		
Trunk Cabin	8' 6" wide, 7' 10: long, 2' 8.5" high		3 windows 19.5" long and 9" high on each side and forward. 4 protective rods for 2 pane glass windows.				
Trunk Cabin Doghouse	5' wide, 18.5 " high, 3' 9.5" long at bottom and 3' 1" long at top		Forward side slants back.				
Waterway	TBD	Oak	Carved to shape, and form the lower portion of the log rails. Scuppers are cut into the waterways.	Need to measure waterways from drawings	Dimensions? Scupper Locations?		
Wheel Box	3' 2" long, 1' 11.5" wide, 2' 4" high						
Worm Shoe	Avg 3" x 8" (+/- 1")	Pine	Wider at centerboard, Max width 10"			0.25	0.0938