

COMPOSITE SHIP.

Aberdeen

Dec 24/9/168

No. 2424 Survey held at *Aberdeen*. Date *Sept 1st, 17th* 18th
on the Ship *Garrison*, Master *John Woodward*.

Tonnage under tonnage deck
Ditto of poop or spar deck
Ditto of engine room
Gross tonnage
Register tonnage

Built at *Aberdeen* When built 1848 Launched Aug^{ust} 15th
By whom built *W^r Wood & Sons* Owners *Garrison*

Port belonging to *Aberdeen*, Destined Voyage *Mauritius*

Surveyed when Building, Afloat, or in Dry Dock *Without Special Survey.*

Length abo ⁿ ds <i>219</i>	Extreme Breadth <i>35</i>	Depth from top of Upper Deck Beam to top of Floor <i>21</i>	Power of Engines	N. ^o . of Decks <i>one</i>
(Dimensions of Upper Register, length breadth depth)				
Fore and moulding	156 1/2 21	132 11	Outside Plank.	Thickness in ship.
Breadth and thickness	31 1/4	31 1/4	Gasboard Strakes, thickness	12
Siding and moulding	152 20	152 11	Gasboard to Topsides ditto	11
Fore deadwood plate, breadth and thickness	152 3/4	152 11	Topsides ditto	12
Starboard, siding and moulding	152 20	152 17	Sheerstrakes ditto	11 3/4
After deadwood plate, breadth and thickness	152 3/4	152 17	Planksheers ditto	11 3/4
Distance of Frames from moulding edge to moulding edge, all fore and aft	18 -	18 -	Water of Upper Deck	10 1/4
Frames, Size of Angle Iron, single or double	3 1/2 5/8	3 1/2 5/8	Waist Lower Deck	10 1/4
" Reversed Iron, if to every frame or every frame	3 3/4 3/8	3 3/4 3/8	Iron Sheerstrake, breadth and thickness	3 1/2
Floors, depth and thickness of Floor Plate at Mid line	24 - 3/8	24 - 3/8	" Bilge Plate ditto ditto	2 1/2
Ditto ditto at Bilge Keelson	7 -	-	Diagonal Plates on Frames	9
Size of Reversed Angle Iron, and N. S. at top of Floor Plate	3 3/4 3/8	3 3/4 3/8	Gunwale Plate or Stringer on ends of Upper Deck Beams, breadth and thickness	3 1/2
If of Wood, siding & mould'g, at Mid. line	-	-	Angle Iron on ditto	4 1/2
Beams, Deck (N. ^o . 42) double Angle Iron, Plate, Tee, or Bulb Iron	8 1/2 - 3/8	8 1/2 - 3/8	Stringer or Tie Plates fore and aft, on Upper Deck Beams, outside Hatchways	13
" double or single Angle Iron, on edge	3 3 3/8 3/8	3 3 3/8 3/8	Diagonal Tie Plates on ditto	13
" average space between	5 1/4 -	5 1/4 -	Fist of Upper Deck, thickness	11
Hold, or Lower Deck (N. ^o . 41) double-Angle, Tee, Plate, or Bulb Iron	9 - 3/8	8 1/2 - 3/8	Ceiling betwixt Decks, thickness	2 1/2 3/8
" double or single Angle Iron on edge	3 3 3/8 3/8	3 3 3/8 3/8	" in Hold, thickness	3 1/2 3/8
" average space between	5 1/4 -	5 1/4 -	Clamps or Spirketting ditto	3 1/2 3/8
Side, single or double plate, box, or intercostal	10 - 3/8 11 - 3/8	10 - 3/8 11 - 3/8	Stringer Plates on ends of Hold or Lower Deck Beams, breadth as thickness	10 1/2 3/8
Size of Plates	10 - 3/8 11 - 3/8	10 - 3/8 11 - 3/8	Stringers or Side Plates fore and aft outside	10 1/2 3/8
Size of Angle Irons	4 - 3 3/8 4 1/2	4 - 3 3/8 4 1/2	waterways, on Hold or Lower Deck Beams	10 1/2 3/8
If of Wood, siding and moulding	9 -	9 -	Stingers in Hold	8 1/2 3/8
Side, single or double plate, box, or intercostal	9 -	9 -	Fist of Lower Deck, thickness	11 1/2 3/8
Bilge (N. ^o . 41) double plate at each Bilge	8 1/2 - 3/8 8 1/2 - 3/8	8 1/2 - 3/8 8 1/2 - 3/8	Diameter of Hold Pillars	3 1/2 - 3 1/2
" single, or double plate or box	5 1/2 3/8 5 1/2 3/8	5 1/2 3/8 5 1/2 3/8	Main piece of Ruddier, thickness at head	17 1/2 - 18 1/2
The Ruddier is unshipped along the Gunwale	<i>(Can the Ruddier be unshipped along Gunwale?)</i>			

The Floors consist of *Quercus Gallion* Free from all defects. The Main piece of Ruddier is *Willow* of Windlass is *Teak*, The Keel is *Willow*, The Main Keelson is *Willow* and is free from all defects.

The Stern and Stern Post of *East India Teak*, and Aprons of *East India Teak* Dendro, of *Teak* and are *willow* free from all defects.

The Deck and Hold Beams *Willow*, The Breastbooks of *Teak*, The Knees of *Willow*, The Water-ways *Upper Deck Teak*, *Lower Deck* required.

Planking Outside—From the Keel to the Height defined in Note to Table A the Plank is *Willow* thickness according to above name Height to the Light Water Mark *East India Teak*.

From the Light Water Mark to the Wales *East India Teak*.

The Wales and Black-strokes are *Teak*. The Topesides & Sheerstrakes *Teak*.

The Spirketting and Planksheers *Teak*, The Water-ways *Upper Deck Teak*, *Lower Deck* required.

The Deck *yellow pine* State material good. How fastened to Beams *Willow* thickness required.

The Shifts of the Planking are not less than *6* feet *Inches*. N. B. If less than prescribed by the Rule, state whether general or partial, and if partial, in what part of the Ship.

The Planking is wrought *three* between, and without step between.

Planking Inside.—The Limber-strokes and Bilge-strokes are *Teak*, Shelf pieces and Clamps required.

The Ceiling, Lower Hold, and between Decks *Teak*.

Straps of Kneelings, Stringer and Tie Plates, double or single riveted?

Planksheer, how secured to the plating of the sides Explain by sketch *With through bolts as in illustration*

Waterway " planksheer and to the Beams, if necessary, *With screw bolts with flat plates*

Deck Beams, how secured to the sides *Riveted to the frames having twisted ends*

Hold or Lower Deck ditto *With screw bolts having twisted ends*

General Quality of Workmanship *Good*, No. of Breasthooks *one*, cratch'd *one*.

What description of Iron is used for the Frames, Beams, Keelsoas, Stringer and Tie Plates, Outside Plating, &c? *Average quality*

Manufacturer's name or trade mark *Hastings Bell & Son, Liverpool Nov. 1849*

We certify that the above is a correct description of the several particulars therein given.

Builder's Signature *Walter Herdick*, Surveyor's Signature *W. H.*

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