

437

3431

Requisition No 267

IRON SHIPS.

Rec 31/12/63.

No. 4729 Survey held at Port Glasgow
on the ship "Hindustan"Date 1st Dec.

1863

Master

Dunlop

Tonnage Gross 833³¹/₁₀₀ Engine Room

Register

Built at Port Glasgow

When Built 1863 By whom built John Reid & Co.

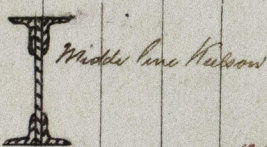
Owners D. & W. Donald Macdonald
See Owners' list 6/1/67

Port belonging to Liverpool

Destined Voyage Clyde to India

If Surveyed Afloat or in Dry Dock Specially while building

Length aloft	Feet.	Inches.	Extreme Breadth	Feet.	Inches.	Depth from top of Upper Deck Beam to top of Floor	Feet.	Inches.	Power of Engines	Horse No.
182 ² / ₁₀			31 ⁴ / ₁₀			20 ⁷ / ₁₀				
Distance of Frames or Ribs from moulding edge to moulding edge, all fore and aft	Inches in Ship	Inches required per Rule	18		21					
Floors, Size of Angle Iron, and No. single at bottom of Floor Plate	Inches in Ship	Inches required per Rule	4 ¹ / ₂	3	8	4 ¹ / ₂	3	8		
depth and thickness of Floor Plate at mid line			21 ¹ / ₂		21 ¹ / ₂					
depth and thickness of Floor Plate at Bilge Keelson			6		10					
Size of Reversed Angle Iron, and No. single at top of Floor Plate			3	3	7	3	2 ³ / ₄	7		
Frames, Size of Angle Iron, single or double, to every frame			4 ¹ / ₂	3	8	4 ¹ / ₂	3	8		
Reversed Iron, to every frame and on every alternate frame			3	3	7	3	2 ³ / ₄	7		
Beams, Deck (No. double Angle Iron or Bulb Iron with double Angle Iron on top)			3	3	6	3	3	7		
depth & thickness of plate amidships			8		8					
double or single Angle Iron, on lower edge										
average space between			3 feet							
if wood (No. sided & moulded)										
Hold, or Lower Deck (No. double Angle Iron or Bulb Iron with double Angle Iron on top)			3	3	6	3	3	8		
depth & thickness of plate amidships			8		8					
double or single Angle Iron, on lower edge										
average space between			3 feet							
if wood (No. sided & moulded)										
Paddle, wood, sided and moulded or if Iron, size of Plate										
Engine										
Keelson, wood, sided & moulded iron, size of plate, if Box, give sketch & dimensions			14 ¹ / ₂		12					
Side or Bilge .. Double Angle Iron			5	4	7	4 ³ / ₄	3 ³ / ₄	8		
Number			5	4	7	4 ³ / ₄	3 ³ / ₄	8		



Transoms, material Iron or, if none, in what manner compensated for.

Knight-heads .. Iron

Bulkheads, No. Two

Thickness of 5/8

Hawse Timbers .. Iron

are they free from defects? Yes

how secured to the sides of the ship Between double frames

The Frames or Ribs extend in one length from Keel to Gunwale rivetted through plates with (7/8 in.) rivets, about (7 inches) apart.

The reverse angle irons on the floors extend in one length across the middle line from lower deck to Gunwale alternately

and on the frames from .. to ..

Keelson, how are the various lengths of plates or angle irons connected? Angle iron butt straps

Plates, Garboard, double or single rivetted to keel & at upper edge, with rivets (1/2 in.) diameter averaging (4 1/2 in.) from centre to centre of rivet.

Edges from Garboards to upper part of bilge, worked carvel with a lining piece (1/2 in.) thick, or clencher, double or single rivetted; rivets (3/4 in.) diameter, averaging (3 1/2 in.) from centre to centre of rivets.

Butts from Keel to turn of bilge, worked carvel with a lining piece (3/8 in.) thick, double or single rivetted; rivets (3/4 in.) diameter, averaging (3 1/2 in.) from centre to centre of rivets. Do the lining pieces lap over and rivet through the lands of the strake below? No

Edges from bilge to planksheer, worked carvel with a lining piece (1/2 in.) thick, double or single rivetted; rivets (7/8 in.) diameter, averaging (3 1/2 in.) from centre to centre of rivets. Do the lining pieces lap over and rivet through the lands of the strake below? No

Butts from bilge to planksheers, worked carvel with a lining piece (1/2 in.) thick, or clencher, double or single rivetted; rivets (7/8 in.) diameter averaging (3 1/2 in.) from centre to centre of rivets. Breadth of laps in double rivetting (4 1/2) Breadth of laps in single rivetting (3)

Planksheer, how secured to the plating of the sides Explain by sketch,

Waterway planksheer and to the Beams if necessary.

Side trussing breadth and thickness of plates how secured?

Deck trussing By plates all fore and aft on each side of Hatchways 12 1/2 x 10 inch and diagonal plates when practicable

Deck Beams, how secured to the side? Beam ends turned down

Hold or Lower Deck .. Beam ends turned down

Paddle ..

No. of breasthooks Five crutches how are pointers compensated?

What description of iron is used for the angle iron and plate iron in the vessel? Cast iron plates

Builder's Signature

Lloyd's Register

No. 437-0098

3431. Iron

Workmanship. Are the lands or laps of the clenchwork in all cases in breadth at least five times the diameter of the rivets in double rivetted edges and butts, and at least three times the diameter of the rivets where single rivetting is admitted? Yes
Do the edges of the carvel work and of the butts lay close together throughout their length without requiring any making good of deficiencies? Yes
Do the fillings between the ribs and plates fill in solid with single pieces, or are they in short lengths of various thicknesses? Solid lengths
Do the holes for rivetting plate to frames, lining pieces, or plate to plate, &c., conform well to each other? Yes and are the rivet holes well and sufficiently countersunk in the outer plate? Yes
Are there any rivets which either break into or have been put through the seams or butts of the plating? A few

Her Masts, Yards, &c., are in Good condition, and sufficient in size and length. Boomsprit Iron, lower yards steel
She has **SAILS.**

N ^o .		CABLES, &c.		ANCHORS, and their weights.	
		Fathoms.	Inches.	N ^o .	Weight.
	Fore Sails,	Chain <u>Admiralty proof 47.10</u>	300	18	
	Fore Top Sails,	<u>Stream</u>	90	10	
	Fore Topmast Stay Sails,	Hawser	90	8	
	Main Sails,	Towlines	90	5	
	Main Top Sails,	Warp			
	and	All of <u>Good</u> quality.			

Her standing wire Standing and Running Rigging Simple sufficient in size and Good in quality.

She has One Long Boat and Three others
The present state of the Windlass is Good with patent purchase Good Jaws Capstans Three Good and Rudder with patent Good Pumps Two Cast metal patent Three Lead Good

General Remarks, Statement and Date of Repairs, extent of corrosion (if any) both internally and externally, and condition of rivets.

DATES of Surveys held while building, as per Section 17.	1st. On the several parts of the frame, when in place, and before the plating was wrought	
	2nd. On the plating during the progress of rivetting	
	3rd. When the beams were in and fastened, and before the decks were laid	
	4th. When the ship was complete, and before the plating was finally coated	
	5th. After the ship was launched	

This vessel has been built under special survey as per Order N^o 267. She has a plate middle line keelson standing above the floors as per sketch on the other side. She has a full poop and forecabin. The Owners particularly request and are anxious to have this vessel classed A1, instead of 12L A1 as signed for.

In what manner are the surfaces preserved from oxidation? Inside two coats of zinc paint and one coat of red lead, Portland cement all fore and aft between the floors; and outside two coats of zinc paint and one coat of red lead, black paint above water line and one coat of McInnes's composition on bottoms

I am of opinion this Vessel should be classed A1.

The amount of the Fee£ 5 : 0 : 0 is received by me,

Doi MS Special£ 41 : 13 : 0

× Certificate (if required)£ 0 : 0 : 0

Committee's Minute 1st January 1864

Character assigned A

To have the fee
Gen Com Min: 14/1/64
Mr Mr Reid: 11/1/64

This Sailing Ship of 2019 tons
to be eligible for A1 as recommended
to the Committee
Dec 31/63

