

# IRON SHIPS.

Rec 28/3/66

No. 19868 Survey held at Preston Date Jan<sup>y</sup> 20/15 to March 21 1866

on the B.M. "Pibbleton" Master Lamont

Tonnage under tonnage deck 383, 15 Built at Preston When built 1865 Launched Sep<sup>r</sup> 20/65

By whom built J. Mackern Owners C. W. Kellock & Co.

Total Register tonnage 398 18 Port belonging to Liverpool Destined Voyage Batavia

Gross Tonnage \_\_\_\_\_ If Surveyed while Building, Afloat, or in Dry Dock While Building, also in Glover's graving & Queens d.

Bridlers	Feet.	Inches.	Feet.	Inches.	Depth from top of Upper Deck Beam to top of Floor	Feet.	Inches.	Horse.	N <sup>o</sup> . of Decks
Length aloft	138	0	Extreme Breadth	25	0	15	6	—	Two

(Dimensions of Ship per Register, length 138, 7 breadth 25, 3 depth 14, 1/2)

	Inches in Ship.			Inches required per Rule for 300 tons Scale.			Plates in Garboard Strakes, breadth and thickness	Inches. In Ship.	16ths. In Ship.	Inches. required per Rule.	16ths. required per Rule.
	Inches.	Inches.	16ths.	Inches.	Inches.	16ths.					
Keel, if bar iron, depth and thickness	6 1/2	2 1/4	6 1/2	6 1/2	2 1/4	6 1/2	28	10 1/16	24	10 1/16	
„ if plate iron, breadth and thickness	6 1/2	2 1/4	6 1/2	6 1/2	2 1/4	6 1/2	—	9 1/16	—	9 1/16	
Stem, if bar iron, moulding and thickness	6 1/2	2 1/4	6 1/2	6 1/2	2 1/4	6 1/2	—	8 1/16	—	8 1/16	
„ if plate iron, breadth and thickness	6 1/2	2 1/4	6 1/2	6 1/2	2 1/4	6 1/2	—	8 1/16	—	8 1/16	
Stern-post, if bar iron, moulding and thickness	6 1/2	2 1/4	6 1/2	6 1/2	2 1/4	6 1/2	—	7 1/16	—	7 1/16	
„ if plate iron, breadth and thickness	6 1/2	2 1/4	6 1/2	6 1/2	2 1/4	6 1/2	—	7 1/16	—	7 1/16	
Distance of Frames from moulding edge to moulding edge, all fore and aft	21	—	21	21	—	21	—	6 1/16	—	6 1/16	
Frames, Size of Angle Iron, single or double	3 1/2	2 1/2	5 1/16	3 1/4	2 3/4	5 1/16	10 1/4	Same	Thickness as Plate	—	—
„ Reversed Iron, * to every frame	2 1/2	2 1/2	5 1/16	2 1/2	2 1/2	5 1/16	—	—	—	—	—
„ of every alternate frame	2 1/2	2 1/2	5 1/16	2 1/2	2 1/2	5 1/16	—	—	—	—	—
Floors, depth and thickness of Floor Plate at mid line	17	—	7 1/16	17	—	7 1/16	2 1/4	7 1/16	19 3/4	7 1/16	—
„ Ditto ditto at Bilge Keelson	7 1/2	—	—	—	—	—	2 1/4	7 1/16	15	—	—
„ Size of Reversed Angle Iron, and No. one at top of Floor Plate	2 1/2	2 1/2	5 1/16	2 1/2	2 1/2	5 1/16	—	—	—	—	—
Beams, Deck (N <sup>o</sup> . of Bulb Iron, double Angle Iron, alternate Plate, Tee, of Bulb Iron)	6 1/2	—	6 1/16	6 1/2	—	6 1/16	—	—	—	—	—
„ Frames, double or single Angle Iron, on upper edge	2 1/2	2 1/2	5 1/16	2 1/2	2 1/2	5 1/16	—	—	—	—	—
„ average space between	42	—	—	42	—	—	—	—	—	—	—
Hold, or Lower Deck (N <sup>o</sup> . of double Angle, Tee, Plate, of Bulb Iron)	6 1/2	—	6 1/16	6 1/2	—	6 1/16	—	—	—	—	—
„ Frames, double or single Angle Iron, on upper edge	2 1/2	2 1/2	5 1/16	2 1/2	2 1/2	5 1/16	—	—	—	—	—
„ average space between	42	84	—	42	84	—	—	—	—	—	—
„ Paddle, sided and moulded, thickness of Plate size of Angle Iron	—	—	—	—	—	—	—	—	—	—	—
„ Engine	—	—	—	—	—	—	—	—	—	—	—
Keelson, single or double plate, box, or intercostal	3 1/2	3	6 1/16	3 1/2	3	6 1/16	—	—	—	—	—
„ Size of Plates	12	—	10 1/16	11 1/4	—	10 1/16	—	—	—	—	—
„ Size of Angle Irons	3 1/2	3	6 1/16	3 1/2	3	6 1/16	—	—	—	—	—
„ Side, single or double, plate, box, or intercostal	—	—	—	—	—	—	—	—	—	—	—
„ Bilge (No. one) at each Bilge, single, of double, plate, or box	3 1/2	3	6 1/16	3 1/2	3	6 1/16	—	—	—	—	—

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

Knight-heads, and Hawse Timbers Plates & angle irons size of vertical angle irons 2 1/2 x 2 1/2 and their distance apart 4 ft vertical

The Frames extend in one length from Keel to gunwale rivetted through plates with (12/16 in.) rivets, about (4/16 in.) apart

The reverse angle irons on the floors extend in one length across the middle line from Hold stringer to alternate

„ „ „ on the frames „ „ „ from Buddh line to gunwale - alternate

Keelson, how are the various lengths of plates or angle irons connected? By covering pieces - well shifted

Plates, Garboard, double or rivetted to keel, double or at upper edge, with rivets (1/4 in.) diameter, averaging (3/4 in.) apart.

„ Edges from Garboards to upper part of bilge, worked clencher, double or single rivetted; with rivets (1/4 in.) diameter, averaging (2/4 in.) apart.

„ Butts from Keel to turn of bilge, worked carvel with butt straps (9 + 10/16) thick, double or single rivetted; with rivets (1/4 in.) diameter, averaging (2/4 in.) apart. Do the butt straps lap over and rivet through the lands of the strake below? No

„ Edges from bilge to sheerstrake, worked carvel with a lining piece ( ) thick; or clencher, double or single rivetted; with rivets (1/4 in.) diameter, averaging (1/4 in.) apart. Do the butt straps lap over and rivet through the lands of the strake below? No

„ Edges of Sheerstrake, double or single rivetted? At upper edge to gunwale angle iron At lower edge Double

„ Butts from bilge to planksheers, worked carvel with butt straps (6, 7, 8 + 10/16) thick, double or single rivetted; with rivets (1/4 in.) diameter, averaging (2/4 in.) apart. Breadth of laps in double rivetting (1/2 in.) Breadth of laps in single rivetting (2/4 in.)

Butt Straps of Keelsons, Stringer and Tie Plates, double or single rivetted? Double; + Butts of floor plates treble

Planksheer, how secured to the plating of the sides { Explain by sketch } See sketch other side

Waterway „ „ planksheer and to the Beams { if necessary. „ } See sketch other side

Deck Beams, how secured to the side? By welded knees 21 long & rivetted to the frames

Hold or Lower Deck ditto By „ „ 21 „ „ „

Paddle „ „ No. of breasthooks \_\_\_\_\_ crutches \_\_\_\_\_

What description of Iron is used for the Frames, Beams, Keelsons, Tie and Stringer Plates, Outside Plating, &c.? Middleton's

Manufacturer's name or trade mark Hopkins & Co.

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

Builder's Signature J. Mackern

Surveyor's Signature \_\_\_\_\_

Lloyd's Register  
Foundation

IRON 439-0246

