

IRON SHIPS.

Rec 28/3/66

No. 19868 Survey held at Preston Date Jan^y 20/15 to March 21 18 66

on the B.M. "Pibbleton" Master Lamont

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

Ditto of poop 15.03 or spar deck — By whom built J. Mackern Owners C. W. Kellock & Co.

Ditto of engine room — Port belonging to Liverpool Destined Voyage Batavia

Total Register tonnage 398 18 Gross Tonnage —

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

Builders Length aloft 138 0 Extreme Breadth 25 0 Depth from top of Upper Deck Beam to top of Floor 16 6 Power of Engines — No. of Decks Two

(Dimensions of Ship per Register, length 138, 7 breadth 25, 3 depth 14, 6)

	Feet.	Inches.	Feet.	Inches.	Depth from top of Upper Deck Beam to top of Floor	Feet.	Inches.	Power of Engines	No. of Decks
Keel, if bar iron, depth and thickness.....									
„ if plate iron, breadth and thickness.....									
Stem, if bar iron, moulding and thickness....									
„ if plate iron, breadth and thickness.....									
Stern-post, if bar iron, moulding and thickness									
„ „ if plate iron, breadth and thickness									
Distance of Frames from moulding edge to moulding edge, all fore and aft.....									
Frames, Size of Angle Iron, single or double.									
„ Reversed Iron, * to every frame									
„ * every alternate frame.									
Floors, depth and thickness of Floor Plate at mid line.....									
„ Ditto ditto at Bilge Keelson									
„ Size of Reversed Angle Iron, and No. one at top of Floor Plate									
Beams, Deck (No. one) double Angle Iron, alternate Plate, Tee, of Bulb Iron.....									
„ „ double or single Angle Iron, on upper edge....									
„ „ average space between.....									
„ Hold, or Lower Deck (No. one) double Angle, Tee, Plate, of Bulb Iron									
„ „ double or single Angle Iron on upper edge....									
„ „ average space between.....									
„ Paddle, sided and moulded, thickness of Plate size of Angle Iron									
„ Engine „ „ „ „									
Keelson, single or double plate, box, or intercostal									
„ Size of Plates.....									
„ Size of Angle Irons.....									
„ Side, single or double, plate, box, or intercostal									
„ Bilge (No. one) at each Bilge, single, of double, plate, or box									

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

Knight-heads, and Hawse Timbers Plates & angle irons

The Frames extend in one length from Keel to Gunnwale & rivetted through plates with (1/2 in.) rivets, about (4 1/2 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 Gunnwale - 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 (1/2 in.) diameter, averaging (2 1/4 ins.) apart.

„ Butts from Keel to turn of bilge, worked carvel with butt straps (9 x 10/16) thick, double or single rivetted; with rivets (2/4 in.) diameter, averaging (2 1/4 ins.) 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 (1/2 in.) diameter, averaging (1 3/4 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 x 10/16) thick, double or single rivetted; with rivets (2/4 in.) diameter, averaging (2 1/4 ins.) apart.

Breadth of laps in double rivetting (4 1/2 in.) Breadth of laps in single rivetting (2 1/2 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. „

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

Hold or Lower Deck ditto 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

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 C. W. Kellock

IRON 439-0246

Workmanship. Are the lands or laps of the clenchwork in all cases in breadth at least five and a half times the diameter of the rivets in double rivetted edges and butts, and at least three and a quarter 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? Single pieces

Do the holes for rivetting plate to frames, butt straps, 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? Not any

Her Masts, Bowsprit, Yards, &c., are in good condition, and sufficient in size and length. (If they are of Iron or Steel give the Scantlings of Plating, Angle Irons, &c., and further explain by a Sketch showing how the lower Masts and Bowsprit are constructed, showing the number of Plates and Angle Irons, mode of rivetting, quality of Materials, and if stamped with Maker's name.

Foremast (Iron) 54-0 x 1-8 dia. 2 Plates - 3 angle irons 3 x 2 1/2 x 5/16 single rivetted in seams & down
Main " (Iron) 57-0 x 1-8 " 2 " 3 " 3 x 2 1/2 x 5/16 " " in butts
Mizen " Pine
Bowsprit Pine
Lower yards - (Steel) 55-0 x 1-4 2 " 3 " Plats 2 1/2 x 2 x 4/16 " " " "

She has SAILS. CABLES, &c., tested at Mersey Dock Board

ANCHORS, tested at Mersey Dock Board

N ^o .		No. on Chain seen by me.	No. and date on Certificate	Fathoms.	Inches.	Tons.	N ^o .	No. on Anchor seen by me.	No. and date on Certificate.	Weight. Ex. stock.	Tons.
Fore Sails,	Chain	342	Aug 23/85	120	1 5/16	31-5-0	Bowers	1	1969	1973 Jan 22/86	15-1-0
Fore Top Sails,	Hemp	1710	March 13/86	120	1 5/16	28-7-0	"	1	1399	1400 Aug 14/85	14-2-4
Fore Topmast Stay Sails,	Stream Cable			60	1 1/16		"	1	1050	1051 April 17/85	13-7-0
Main Sails,	Hawser			90	9/2		Stream	1	2067	2071 Feb 28/86	1-0-5
Main Top Sails,	Towlines			90	5/2		Kedges	1	2070	2074 Feb 28/86	2-2-9
	Warp							1	957		2-1-2
	All of										1-2-6

Her Standing and Running Rigging Wire & Hemp sufficient in size and good in quality.

She has One Long Boat and two others

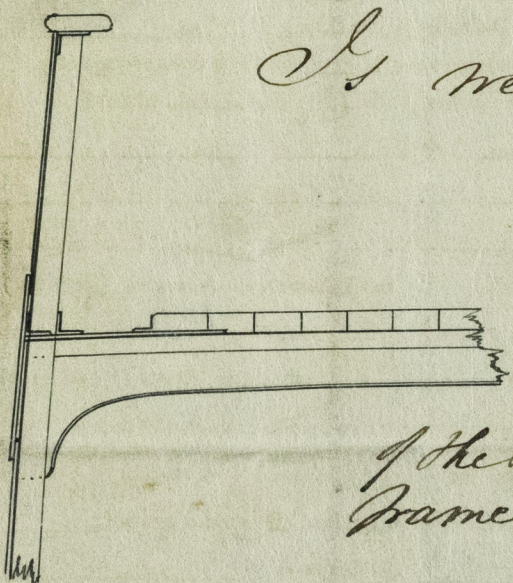
The present state of the Windlass is Good Capstan Good and Rudder Good Pumps Main - 5" Patent & Stucco fitted in Compartment

Order for Special Survey DATES of 1st. On the several parts of the frame, when in place, and before the plating was wrought During the whole time
No. _____ Surveys held 2nd. On the plating during the progress of rivetting of building &
Date _____ while building 3rd. When the beams were in and fastened, and before the decks were laid fitting out.
Order for Ordinary Survey as per 4th. When the ship was complete, and before the plating was finally coated
No. _____ Section 18. 5th. After the ship was launched

State if she has a Spar Deck _____ Poop _____ or Forecastle Monney 17' 0" long

General Remarks,

Has a raised Quarter deck 34-0 x 2-6 high
Stringer plates 24 x 7/16, Beams of bull-iron 6 1/2 x 5/16 having two
angle irons 2 1/2 x 2 1/2 x 5/16 - Tie plates 11 x 7/16, & deck 4 Pine 3 thick.
Also a Deck house 11-0 x 11-6 fitted the aftside of Foremast.



Is well built throughout.

Some of the butts of the garboard plates are shifted only one space of frames - to compensate for this deviation of the Rules; the Straps are worked from frame to frame, treble rivetted, & 7/16 thicker

In what manner are the surfaces preserved from oxidation? Inside Portland Cement & Red Lead.
Ditto ditto Outside Red Lead & other Paint.

I am of opinion this Vessel should be Classed A1

The amount of the Fee £ 4 : : : is received by me,

Special £ 19 : 19 : 20/3/86

Certificate (if required) £

Committee's Minute Liverpool, 27th March 1886. Ed Wheeler

Character assigned A1. Built under Special Survey
(A.V.C.P.) J.E.L.