

1 or 2 Decks.

IRON OR STEEL STEAMER.

State if Report is also sent on the Machinery of the Vessel

Received at London Office,

30 MAR 1892

No. 4210

Survey held at

PLYMOUTH

Date of completion of Report March 26th 1892

Port of

PLYMOUTH

Date, First Survey April 8th 1891

Last Survey

March 18th 1892

On the

TONNAGE under

Tonnage Deck

87.28

of Poop

of Raised Qr.

of Bridge House

of Houses on Deck

Do. of excess of Hatchways

Do. of Forecastle

Do. above Crown of

Engine Room

Gross Tonnage

92.87

Less Crew Space

Less above Crown of

Engine Room

TONNAGE FOR FEES

92.87

Engine Room

Less Navigation Spaces

Register Tonnage

21.82

as cut on Beam

ONE OR TWO DECKED VESSEL.

CLASS A-1 For Towing Purposes

FEET.

Half Breadth (moulded)

8' 7 1/2"

Depth from upper part of Keel to top of Main Deck Bms.

10' 5"

Girth of Half Midship Frame (as per Rule)

14' 4"

1st Number

35.53

Length

84.1

2nd Number

3059.13

Proportions—Breadths to Length

4.948

Depths to Length—Main Deck to top of Keel

9.118

Destined Voyage

Liverpool

If Surveyed while Building, Afloat, or in Dry Dock

Yes

Master

Year of appointment

(1) As master in service of owner of present vessel—18
(2) As master of this vessel—18

Built at

PLYMOUTH

When built

1892

Launched

Decem 1st 1891

By whom built

W. J. Loughby, Bristol

Owners

T. J. Reed

Managers

(Where necessary to be entered in Reg. Book).

Residence

12, Warrington Buildings, Warrington

Port belonging to

Liverpool

LENGTH on Deck	Feet.	Inches.	BREADTH—	Feet.	Inches.	DEPTH—	Feet.	Inches.	Power of	Horse.	No. of Decks with Flat laid
as per Rule	84	1	Moulded	17	4	Top of Floors to Main Deck Beams	9	5	Engines	250	one

Dimensions of Ship per Register, Length, 84.1 breadth, 17.35 depth, 9.45.

Moulded Depth, ft. 10 ins. 0

Round of Beam 5 inches.

FORGINGS AND CASTINGS.

	Inches in Ship.	Inches per Rule.
KEEL, Bar or Side Plates depth and thickness	4 1/2 x 1 1/8	4 1/2 x 1 1/8
KEEL, moulding and thickness	5 1/2 x 1 1/8	5 1/2 x 1 1/8
KEEL-POST for Rudder do. do.	5 1/4 x 2 1/4	5 1/4 x 2 1/4
KEEL-POST for Propeller	5 1/4 x 2 1/4	5 1/4 x 2 1/4
MAIN PIECE of Rudder, diameter at head	2 1/2	2 1/2
do. at heel	2 1/4	2
RUDDER, how constructed	Reinforced with iron plates, flat over	
Is the Rudder be unshipped afloat?	Yes	

FRAMING.

	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
NAME, Angles, or L Bars, for 1/2 length amidships	2 1/2	2 1/2	5	2 1/2	2 1/2	5
Do. for 1/2 at each end	2 1/2	2 1/2	5	2 1/2	2 1/2	5
Do. in way of Double Bottoms	20		20			
Distance of Frames from moulding edge to moulding edge, all fore and aft	20		20			
EVERSED FRAME, Angles	2 1/2	2 1/2	4	2 1/2	2 1/2	5
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships	11		5	9		4
Do. in way of Engines and Boilers	11		5	9		5
Do. thickness at the ends of vessel	8		5			5
Do. depth at 1/2 the half breadth, as per Rule	8		5			5
Do. height extended at the Bilges	6		6			6
FLOORS & BRACKETS, in Cell Dble Bottoms						
Distance apart						
CENTRE GIRDER, in Double Bottom, depth and thickness						
Angles, Top						
Bottom						
DE GIRDERS, number and thickness						
Angles						
MARGIN PLATE, depth (exclusive of flange) and thickness						
Angles						
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake						
Do. thickness in Engine and Boiler space						
Do. Remainder in Holds						
BEAMS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	5	3	7	5	3	7
Angles on Upper Edge						
Average space	40					
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb						
Angles on Upper Edge						
Average space						
BEAMS, Hold, Plate or Tee Bulb						
Angles on Upper Edge						
Average space						
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate or Tee Bulb						
Angles on Upper Edge						
Average Space						
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb						
Angles on Upper Edge						
Average space						
PILLARS, In 'tween Decks, Size and Spacing						
Hold						
WEB FRAMES, In Fore Body, No. and Spacing						
Do. Brdth. & Thickness						
No. of Side Stringers						
WEB FRAMES, In After Body, No. and Spacing						
Do. Brdth. & Thickness						
No. of Side Stringers						
Size of Angles or Tee Bars to Web Frames						
BRACKET PLATES to Stringers between Web Frames, Depth and Thickness						

KEELSONS AND STRINGERS.

	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate	8 1/2		7	8 1/2		7
Do. Rider Plate						
Do. Bulb Plate to Intercoastal Keelson	1 1/2		diameter			
Do. Horizontal Plates on Floors						
Do. Angles	3	3	4	3	3	4
SIDE KEELSON, Angles	3	3	4	3	3	4
Do. Bulb or Plate above floors for			Ing			
Do. Intercoastal Plate for			length			
Do. Attached to outside plating with Angle						
BILGE KEELSON, Angles						
Do. Bulb or Plate above floors for			len.			
Do. Intercoastal Plate for			length			
Do. Attached to outside plating with Angle						
BILGE STRINGER Angles						
Do. Bulb Plate for			length			
Do. Intercoastal Plate for			length			
Do. Attached to outside plating with Angle						
SIDE STRINGER Angles	3	3	4	3	3	4
Do. Bulb or Intercoastal Plate for			Ing.			
Main and Raised Quarter Deck Stringer Plate, on ends of Beams, breadth & thickness	20		5	20		5
Do. Angle on ditto	3 x 3		4	3 x 3		4
Do. Tie Plates fore & aft, outside Hatchways	20		5	20		5
Do. Diagonal Tie Plates on Bms., No. of Pairs						
Do. Flat of Dk* Iron or Steel for			Ing.			
Do. Wood			Material & thickness			
Do. How fastened to Beams						
Lower Deck Stringer Plate, on ends of Beams, breadth and thickness						
Do. Angles on ditto, No.						
Do. Tie Plates, outside Hatchways						
Do. Flat of Deck* Material and thickness						
Do. How fastened to Beams						
Hold Stringer Plate, on ends of Beams						
Do. Angles on ditto, No.						
Poop Deck Stringer Plate, breadth & thickness						
Do. Angle on ditto						
Do. Tie Plates						
Do. Flat of Deck, Material and thickness						
Bridge Deck Stringer Plate, brdth & thickness						
Do. Angle on ditto						
Do. Tie Plates						
Do. Flat of Deck, Material and thickness						
Forecastle Deck Stringer Plate, brdth & thickness						
Do. Angle on ditto						
Do. Tie Plates						
Do. Flat of Deck, Material and thickness						

PLATING.

	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
FLAT PLATE KEEL, breadth and thickness						
Do. d'bling or incr'd thickness, & length appl.						
PLATES in Garboard Strakes, brdth & thickness	30		4	30		4
Do. From Garboard to lower part of Bilges						
Do. State Thickness of Plating in way of Double Bottom						
Bilges, number of Strakes and thickness						
Do. Of doubling at Bilge, or increased thickness, and length applied						
Do. from up. part of Bilge to lr. edge of Sh'rstrake						
Sheerstrake, breadth and thickness	24		4	30		4
Do. Of d'bling at Sh'stk. & lng. applied						
Poop Sides						
Raised Quarter Deck Sides						
Bridge Sides						
Forecastle Sides						
Lengths of Plating						

