

1 or 2 Decks.

## IRON OR STEEL STEAMER.

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

Received at London Office

JRS. 27 OCT 1892

Date of completion of Report

24 October 1892

Port of

Bristol

No. 5540

Survey held at

Gloucester

Date, First Survey

15 March 1892

Last Survey

21 October 1892

On the

TONNAGE under

Tonnage Deck...

Do. of Poop

Do. of Raised Or.

Do. of Break...

Do. of Bridge House

Do. of Houses on Deck

Do. of excess of Hatchways

Do. of Forecastle

Do. above Crown of

Engine Room

Gross Tonnage

Less Crew Space

Less above Crown of

Engine Room

TONNAGE FOR FEES

Less Engine Room

Less Navigation Spaces

Register Tonnage

as cut on Beam

ONE OR TWO DECKED VESSEL.

CLASS A for towing purposes

Half Breadth (moulded)

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

Girth of Half Midship Frame (as per Rule)

1st Number

Length

2nd Number

Proportions—Breadths to Length

Depths to Length—Main Deck to top of Keel

Destined Voyage

Rig

Master

Year of appointment

Built at

When built

By whom built

Owners

Managers

Residence

Port belonging to

LENGTH on Deck

Feet. Inches.

BREADTH—

Feet. Inches.

DEPTH—

Feet. Inches.

Power of

Horse.

No. of Decks with Flat laid

No. of Tiers of Beams

## FORGINGS AND CASTINGS.

KEEL, Bar or Side Plates depth and thickness

STEM, moulding and thickness

STERN-POST for Rudder do. do.

MAIN PIECE of Rudder, diameter at head

RUDDER, how constructed

Can the Rudder be unshipped afloat?

## FRAMING.

FRAME, Angles, or Bars, for  $\frac{1}{2}$  length amidshipsDo. for  $\frac{1}{2}$  at each end

Do. in way of Double Bottoms

Distance of Frames from moulding edge to

moulding edge, all fore and aft

REVERSED FRAME, Angles

FLOORS, depth and thickness of Floor Plate

at mid-line for  $\frac{1}{2}$  length amidships

in way of Engines and Boilers

thickness at the ends of vessel

depth at  $\frac{1}{2}$  the half breadth, as per Rule

height extended at the Bilges

FLOORS &amp; BRACKETS, in Cell Dble Bottoms

Distance apart

CENTRE GIRDER, in Double Bottom, depth

and thickness

Angles, Top

SIDE GIRDERS, number and thickness

Angles

MARGIN PLATE, depth (exclusive of flange)

and thickness

Angles

INNER BOTTOM PLATING, breadth and

thickness of Middle Line Strake

thickness in Engine and Boiler space

Remainder in Holds

BEAMS, Main and Raised Quarter Deck,

Single Angle, Bulb Angle, Plate or Tee Bulb

Angles on Upper Edge

Average space

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, Poop Deck, Angle, Bulb Angle, 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

CLARS, In 'tween Decks, Size and Spacing

Hold

BRIDGES, In Fore Body, No. and Spacing

No. of Side Stringers

BRIDGES, In After Body, No. and Spacing

No. of Side Stringers

Size of Angles or Tee Bars to Web Frames

WEB FRAMES, Depth and Thickness

Moulded Depth, ft. 8 ins. 7

## KEELSONS AND STRINGERS.

CENTRE LINE KEELSON, Vertical Plate above

floors, Through Plate, or Intercostal Plate

Rider Plate

Bulb Plate to Intercostal Keelson

Horizontal Plates on Floors

Angles

SIDE KEELSON, Angles

Bulb or Plate above floors for

Intercostal Plate for

Attached to outside plating with Angle

BILGE KEELSON, Angles

Bulb or Plate above floors for

Intercostal Plate for

Attached to outside plating with Angle

BILGE STRINGER Angles

Bulb Plate for

Intercostal Plate for

Attached to outside plating with Angle

SIDE STRINGER Angles

Bulb or Intercostal Plate for

Main and Raised Quarter Deck Stringer

Plate, on ends of Beams, breadth &amp; thickness

Angle on ditto

Tie Plates fore &amp; aft, outside Hatchways

Diagonal Tie Plates on Bms., No. of Pairs

Flat of Deck, Material and thickness

How fastened to Beams

Lower Deck Stringer Plate, on ends of

Beams, breadth and thickness

Angles on ditto, No.

Tie Plates, outside Hatchways

Flat of Deck, Material and thickness

How fastened to Beams

Hold Stringer Plate, on ends of Beams

Angles on ditto, No.

Poop Deck Stringer Plate, breadth &amp; thickness

Angle on ditto

Tie Plates

Flat of Deck, Material and thickness

Bridge Deck Stringer Plate, breadth &amp; thickness

Angle on ditto

Tie Plates

Flat of Deck, Material and thickness

Forecastle Deck Stringer Plate, breadth &amp; thickness

Angle on ditto

Tie Plates

Flat of Deck, Material and thickness

Lengths of Plating

## PLATING.

FLAT PLATE KEEL, breadth and thickness

d'bling or incr'd thickness, &amp; length appl.

PLATES in Garboard Strakes, breadth &amp; thickness

From Garboard to lower part of Bilges

State Thickness of Plating in way of Double Bottom

Bilges, number of Strakes and thickness

Of doubling at Bilge, or increased thickness,

and length applied

from up. part of Bilge to lr. edge of Sh'rstrake

Sheerstrake, breadth and thickness

Of d'bling at Sh'rstk. &amp; lng. applied

Poop Sides

Raised Quarter Deck Sides

Bridge Sides

Forecastle Sides

ROBERT EDMUND TAYLOR &amp; SON, Printers, 29, Old Street, Goswell Road London.

BRS82-0125 (1/2)



BULKHEADS. No. in Vessel 4 No. Reqd. by Rule 4
Ceiling betwixt Decks, thickness and material
in hold do. do.
Number of Breasthooks 2
Crutches 1
W. T. BULKHEADS
PARTITION...
LONGITUDINAL
Vrtel.
Hrztntl.
Vrtel.
Hrztntl.
Vrtel.
Hrztntl.

Are the outside Plates doubled two spaces of Frames in length?
The FRAMES extend in one length from keel to gunwale
The REVERSED ANGLE on floors and frames extend from across keel to upper turn of bilge

RIVETING OF EDGES AND BUTTS OF SHELL PLATING AND BUTTS OF STRINGER PLATES, TIE PLATES, KEELSONS, &c.
Garboard, double riveted to Bar Keel or Flat Plate Keel, with rivets
Edges of Garboards and to upper part of Bilge, worked clencher, double riveted; with rivets
Butts from Keel to turn of Bilge, worked carvel, double riveted; with rivets
Butts of Strakes at Bilge for
Edges from Bilge to Sheerstrake, worked clencher, double or single riveted; with rivets
Butts from Bilge to Sheerstrake, worked carvel, double riveted; with rivets
Edges of Sheerstrake, double or single riveted.
Butts of Main Stringer Plate, double riveted for whole length amidships.
Butts of Inner Bottom Plating riveted for length.
Breadth of edge laps of Shell Plating in double riveting
Butt Straps of Shell Plating breadth and thickness
Butt Straps of Keelsons, Stringer and Tie Plates, double or double riveted?
Manufacturer's name or trade mark of the Iron or Steel (state process of manufacture of Steel) used for Frames, Beams, Keelsons, Tie and Stringer Plates, Outside Plating, &c.?
Workmanship. Are the butts of plating planed or otherwise fitted?
Is the riveted work properly closed?
Are the liners between the frames and plates solid single pieces?
to plate, &c., conform well to each other?
from the faying surfaces?
Are the butts of Plating, Stringers, &c., properly shifted and strapped?

MASTS, SPARS, &c.
Fore Main Mizzen
Bowsprit
Topmasts, Yards and Remainder of Spars
Rigging, Material and Size, Shrouds
Sails. 2 in wt
Suit of
Sails, and the following spare sails

EQUIPMENT No. LETTER ANCHORS.
Number of Certificate.
1st Bower
2nd
3rd
Collective weight
Stream
Kedge
2nd Kedge
Description of Anchor.
Makers.
Where and when tested and Superintendent.

CHAIN CABLES. HAWSERS AND WARPS.
Number of Certificate.
Fathoms.
Size.
Test per Certificate.
Weight of Chain Cable.
Fathoms & Size.
Description.
Makers of Cables.
Where and when tested, and Superintendent.
Material.
Fathoms.
Size.
Fathoms & Size. Per Rule.

Boats
Pumps, Number
The Windlass is
Engine Room Skylights.—How constructed?
What arrangements for deadlights in bad weather?
Coal Bunker Openings.—How constructed?
Number of Scuppers, and number and dimensions of Freeing Ports, &c.
Cargo Hatchways.—How formed?
State size No. 1 Hatch (Forward)
Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch
Bulwarks, height above deck and description
The above is a correct description.
Builder's Signature, here only.
Surveyor's Signature.
Surveyor to Lloyd's Register of British and Foreign Shipping.



*Reference should be made to any correspondence connected with the case.*

- 1st. On the several parts of the frame, when in place, and before the plating was wrought }
- 2nd. On the plating during the process of riveting ..
- 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 or cemented ... }
- 5th. After the ship was launched and equipped .....

Date of Last survey 21<sup>st</sup> October 1892

Total No. of Visits 16

State dates and initials of letters respecting this case. *M. 20 Feb<sup>y</sup> 1892 M. 9 April 1892 M. 15 June 1892 M. 4 July 1892*

General Remarks (State quality of workmanship, &c.) This Steel Trug has been constructed in accordance with the Rules and the approved Midship section & plans. The steel used in her construction has been tested in accordance with the rules & is of good quality. The workmanship is good. The vessel has one iron deck  $\frac{4}{16}$ " in thickness at the bottom of the chequers.

**PARTICULARS FOR RECORD in the REGISTER BOOK.**—Length of Poop.....ft., R.Q.D. or Break.....ft., Bridge Dk.....ft., F'castle.....ft.  
 (tenths) where the Poop is on top of the R.Q.D., or when the Poop or R.Q.D. is joined to the B.D., this should be distinctly stated.....

trial of Decks (if Iron or Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (this information is to be given as it  
ear in the Register Book). *one deck of chequered iron (not covered), one tier of Beams*  
; Signal Letters .

tom, aft, length ..... and water capacity in tons ..... Double bottom, forward, length ..... and water capacity in tons .....  
 tom, under engines and boilers, length ..... and water capacity in tons ..... If under Engines only, or Boilers only, state which .....  
 tom, constructed on the cellular system, length ..... and water capacity in tons .....  
 tank, water capacity in tons ..... After peak tank, water capacity in tons .....  
 eep tank, length ..... and water capacity in tons ..... Other tanks, if fitted, length ..... and water capacity in tons .....

above have \_\_\_\_\_ been tested as required by the Rules.

sary, furnish further information by sketch.)

the surfaces preserved from oxidation? Inside Cement + paint Outside paint

**FREEBOARD** assigned by the Committee, as per Secretary's  
Letter, dated .....

*State if marked on Vessel's sides in accordance with Notice No. 572*

In Summer	ft.	ins.	} To top of Wood, Iron or Steel Upper Deck.
In Winter	ft.	ins.	
For Winter in North Atlantic	ft.	ins.	
Fresh Water above the centre of disc		ins.	

The amount of Entry Fee..... £ : : is received by me, R. W. C. \*Certificate to be sent to Bristol  
Special ... £ 10 : 10 : 0 25.10.1892  
Certificate\* £ : :

Travelling Expenses, if any £ 2 : 0 : 0

I am of opinion this Vessel should be Classed

A. 1. for towing purposes R. W. Coomber.  
Surveyor to Lloyd's Register of British and Foreign Shipping.

## Committee's Minute

FRI 28 OCT 1892

*Character assigned*

2arc'  
+ 2mc10,92

A1 for Towing purposes plans, and it is submitted that she is eligible to be classed A1 "For Towing purposes" as recommended.

10K (Lion)

A1 ("Shut") for lowering purposes  
1 BR (Brw)

RES82-0125 (2/2)

BR882-0127