

3 Decks.

IRON OR STEEL STEAMER.

Received at London Office.

THES. 2 NOV 1904

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

Date of completion of report 3rd November 1904

Port of Glasgow

No. 22247

Survey held at Dumbarton & Glasgow Date First Survey 26th February Last Survey 26th October 1904

On the S. S. "Saint Irene"

Rig 2 masted Schooner

TONNAGE under 2985.90

THREE DECKED VESSEL.

Tonnage Deck...

CLASS 100 A.1.

FEET.

Do. between Tonnage Dk. and 3rd and 4th Dk.

Total under Upper Dk. 2985.90

Half Breadth (moulded) 23.66

Do. of Poop

Depth from upper part of Keel to top of Upper Deck Beams 25.70

Do. of Bridge House 17.21

Girth of Half Midship Frame (as per Rule) 46.20

Do. of Forecastle 48.91

deduct 7 feet 7.00

Do. of Houses on Dk. 82.09

1st Number 88.56

Do. of excess of Hatchways 24.16

Length on deck from after part of stem to fore part of stern post 343.16

Do. above Crown of Engine Room 38.72

2nd Number 30390.2

Gross Tonnage 3196.99

Proportions—Breadth to Length 7.25

Less Crew Space 113.48

Depth to Length—Upper Deck to top of Keel 13.35

Less above Crown of Engine Room 38.72

Main Deck ditto 19.30

AGE FOR FEES 3044.79

Destined Voyage Buenos Ayres

Engine Room 1023.04

If Surveyed while Building, Afloat, or in Dry Dock

Navigation Spaces 32.57

Residence Liverpool

ster Tonnage 2027.93

Port belonging to Liverpool

ut on Beam

While Building and afloat

BREADTH on Deck

BREADTH—Moulded 47 3 3/4

per Rule 343 2

DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams 22 2

Do. Do. Do. Do. Main Dk. Beams 14 2 1/4

No. of Decks with flat laid 1

No. of Tiers of Beams 2

Round of Upper Dk. Beam, Actual 11 1/2 ins.

Dimensions of Ship per Register, Length 345.3 breadth 47.5 depth 22.2

Moulded depth, ft. 24 ins. 9 To Upper Dk.

FRAMING.

FORGINGS or CASTINGS.

ME, Angles, or Bars for 1/2 length

KEEL, Bar or Side Plates, depth and thickness

amidships

STEM, moulding and thickness

for 1/2 at each end

STERN-POST for Rudder do. do.

in way of Double Bottoms at Solid Floors

MAIN PIECE of Rudder, diameter at head

at intermdt. Bkts.

do. at heel

ance of Frames from moulding edge to

RUDDER, how constructed

oulding edge, all fore and aft

Can the Rudder be unshipped afloat?

ERSED FRAME, Angles

Can the Rudder be unshipped afloat?

P FRAMING, depth of girder

Can the Rudder be unshipped afloat?

ORS, depth and thickness of Floor Plate

Can the Rudder be unshipped afloat?

at mid-line for 1/2 length amidships

Can the Rudder be unshipped afloat?

in way of Engines and Boilers

Can the Rudder be unshipped afloat?

thickness at the ends of vessel

Can the Rudder be unshipped afloat?

depth at 1/2 the half breadth, as per Rule

Can the Rudder be unshipped afloat?

height extended at the Bilges

Can the Rudder be unshipped afloat?

ORS & BRACKETS in Cell Dble Bottoms

Can the Rudder be unshipped afloat?

Distance apart

Can the Rudder be unshipped afloat?

TRE GIRDER, in Double bottom, depth

Can the Rudder be unshipped afloat?

and thickness

Can the Rudder be unshipped afloat?

Angles, Top

Can the Rudder be unshipped afloat?

Angles, Bottom

Can the Rudder be unshipped afloat?

E GIRDERS, number on each side & thickness

Can the Rudder be unshipped afloat?

Angles

Can the Rudder be unshipped afloat?

ARGIN PLATE, depth (exclusive of flange)

Can the Rudder be unshipped afloat?

and thickness

Can the Rudder be unshipped afloat?

Angles to Outside Plating

Can the Rudder be unshipped afloat?

ER BOTTOM PLATING, breadth and

Can the Rudder be unshipped afloat?

thickness of Middle Line Strake

Can the Rudder be unshipped afloat?

in Engine and Boiler space

Can the Rudder be unshipped afloat?

Remainder in Holds

Can the Rudder be unshipped afloat?

AMS, Upper Deck, Single Angle, Bulb

Can the Rudder be unshipped afloat?

Angle, Plate or Tee Bulb

Can the Rudder be unshipped afloat?

Angles on upper edge

Can the Rudder be unshipped afloat?

Average space

Can the Rudder be unshipped afloat?

AMS, Middle Deck, Single Angle, Bulb

Can the Rudder be unshipped afloat?

Angle, Plate or Tee Bulb

Can the Rudder be unshipped afloat?

Angles on upper edge

Can the Rudder be unshipped afloat?

Average space

Can the Rudder be unshipped afloat?

AMS, Lower Deck, Single Angle, Bulb

Can the Rudder be unshipped afloat?

Angle, Plate or Tee Bulb

Can the Rudder be unshipped afloat?

Angles on upper edge

Can the Rudder be unshipped afloat?

Average space

Can the Rudder be unshipped afloat?

AMS, Hold, or Orlop, Plate or Tee Bulb

Can the Rudder be unshipped afloat?

Angles on upper edge

Can the Rudder be unshipped afloat?

Average space

Can the Rudder be unshipped afloat?

AMS, Poop Deck, Angle, Bulb Angle, Plate

Can the Rudder be unshipped afloat?

or Tee Bulb

Can the Rudder be unshipped afloat?

Angles on upper edge

Can the Rudder be unshipped afloat?

Average space

Can the Rudder be unshipped afloat?

AMS, Bridge Deck, Angle, Bulb Angle, Plate

Can the Rudder be unshipped afloat?

or Tee Bulb

Can the Rudder be unshipped afloat?

Angles on upper edge

Can the Rudder be unshipped afloat?

Average space

Can the Rudder be unshipped afloat?

AMS, Forecastle Deck, Angle, Bulb Angle, Plate

Can the Rudder be unshipped afloat?

or Tee Bulb

Can the Rudder be unshipped afloat?

Angles on upper edge

Can the Rudder be unshipped afloat?

Average space

Can the Rudder be unshipped afloat?

ILLARS, In 'tween Deck, size and spacing

Can the Rudder be unshipped afloat?

Hold

Can the Rudder be unshipped afloat?

Quarter 'tween Dks.

Can the Rudder be unshipped afloat?

in Hold

Can the Rudder be unshipped afloat?

WEB-FRAMES, In Fore Body, No. and spacing

Can the Rudder be unshipped afloat?

breadth, & thickness

Can the Rudder be unshipped afloat?

No. of Side Stringers

Can the Rudder be unshipped afloat?

WEB-FRAMES, In E. & B. Space, No. & spacing

Can the Rudder be unshipped afloat?

breadth, & thickness

Can the Rudder be unshipped afloat?

WEB-FRAMES, In After Body, No. and spacing

Can the Rudder be unshipped afloat?

breadth, & thickness

Can the Rudder be unshipped afloat?

No. of Side Stringers

Can the Rudder be unshipped afloat?

Size of Angles or Tee Bars to Web-Frames

Can the Rudder be unshipped afloat?

BRACKET PLATES to Stringers between

Can the Rudder be unshipped afloat?

Web Frames, depth and thickness

Can the Rudder be unshipped afloat?

BULKHEADS.

STIFFENERS.

W. T. BULKHEADS

STIFFENERS.

PARTITION

STIFFENERS.

LONGITUDINAL

STIFFENERS.

Are the outside Plates doubled two spaces of Frames in length?

STIFFENERS.

Are the Sluice Valves and Watertight Doors in efficient working order?

STIFFENERS.

Form No. 1B.

9-96

W681-0096

Form for Shipbuilding Specifications, including sections for PLATING, RIVETING, and various ship components like keels, frames, and masts.

Correspondence.—State dates of letters respecting this case (Reference should be made to any correspondence connected with this case) *From Secretary*
M. 7.3.04, 8.3.04, 8.4.04, 11.4.04, 10.5.04, 25.5.04, 24.6.04, 15.10.04, 20.10.04, E 15.6.04.

Workmanship. Are the butts of plating planed or otherwise fitted? *Planed where possible.*
Is the riveted work properly closed? *yes.*
Are the liners between the frames and plates solid single pieces? *yes.* Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? *yes.* Are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces? *yes.* Do any rivets break into or through the seams or butts of plating? *In a few cases only.*
Are the butts of Plating, Stringers, &c., properly shifted and strapped? *yes.*
Have all the upper and weather decks been tested as required by the Rules (Sec. 23, par. 24)? *yes.* State results of tests. *Satisfactory.*
Have all the gutterways been tested as required by the Rules (Sec. 23, par. 25)? *yes.* State results of tests. *Satisfactory.*

General Remarks (State quality of workmanship, &c.) *Workmanship and Materials, good.*
This steel screw steamer has been built in accordance with the Rules and the accompanying plans, submitted to, and approved by the Committee.
She has a top fallant fore-castle, long bridge, and short poop of the lengths shown below.
Is to carry water ballast in double bottom aft, under engines and boilers in double bottom forward, and in the fore and after peaks.

The Surveyor should state the Number of Report and Name of any Sister Vessel. *✓*

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop *32* ft., R.Q.D. or Break *—* ft., Bridge Dk. *204* ft., F'castle *34* ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated. *poop is not joined to B.D.*
No. and Material 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 should appear in the Register Book). *1 St (Stl) 2 Tis Bms & deep framing.*
Official No. *—* Signal Letters *—*
How are the surfaces preserved from oxidation? Inside *Cemented & coated with paint.* Outside *coated with paint.*

PARTICULARS OF WATER BALLAST. State whether the Double bottom is constructed on the cellular system or with girders on floors. *On Cellular System.*

Where fitted.	*Length. Feet.	Water Capacity. Tons.	Where fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft, <i>In 2 tanks.</i>	<i>108</i>	<i>264</i>	Fore peak tank,	<i>19</i>	<i>101</i>
Double bottom, under Engines and Boilers,	<i>44</i>	<i>161</i>	After peak tank,	<i>10</i>	<i>44</i>
Double bottom, if under Engines only,	<i>—</i>	<i>—</i>	Midship deep tank,	<i>—</i>	<i>—</i>
Double bottom, if under Boilers only,	<i>—</i>	<i>—</i>	Other tanks, if fitted,	<i>—</i>	<i>—</i>
Double bottom, forward, <i>In 2 tanks.</i>	<i>146</i>	<i>434</i>	(If necessary, furnish further information by sketch.)	<i>—</i>	<i>—</i>

* The wells are not to be included in the lengths of the tanks. State whether the above have been tested as required by the Rules. *yes.*

Order for Special Survey No. *1702*
Date *21.3.04*
No. *396* in builder's yard.
DATES of Surveys held while building
1904: Feb 26 Mar 14, 16 Apr 5, 12, 15, 18, 20, 22, 28 May 11, 19, 25, 30 June 2, 9, 13, 20, 23, 28 July 4, 6, 12, 26, 28 Aug 1, 3, 9, 11, 12, 26, 30 Sept 12, 9, 14, 19, 22, 29 Oct 6, 11, 13, 17, 19, 21, 22, 26
Total No. of Visits *47*

The amount of Entry Fee, £ *5* : :
Special Survey Fee, £ *401* : *2* : *6*
Travelling Expenses, if any £ : :
Fees applied for, *-7 NOV 1904*
Received by me, *11.11.04*
Certificate to be sent to *Glasgow*
I am of opinion this Vessel should be Classed **100A1.*
With, or without Freeboard, as condition of Class *without.*
Surveyor to Lloyd's Register of British and Foreign Shipping. *D. S. Bennett*

Committee's Minute
Character assigned *+ 100A1 (Steel) No. 1 & 2.*
Glasgow - 7 NOV 1904
When fee is paid