

3 Decks.

## IRON OR STEEL STEAMER.

(Received at London Office MON. 5 DEC 1892)

No. 4192 Survey held at

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

Date of completion of report Dec 1<sup>st</sup> 1892 Port of BelfastDate, First Survey Jan 4<sup>th</sup> 92Last Survey Nov 29<sup>th</sup> 1892

On the Steel Screw Steamer Sagamore

Rig 4 Masted Schooner

TONNAGE under

Tonnage Deck...

Do. between Tonnage Dk.

and 3rd and 4th Dk.

Total under Upper Deck

Do. of Poop

Do. of Bridge House

Do. of Houses on Dk.

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 ..

THREE DECKED VESSEL.

CLASS + 100 A 1

FEET.

Half Breadth (moulded) .....

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

Girth of Half Midship Frame (as per Rule) .....

deduct 7 feet .....

1st Number .....

Length .....

2nd Number .....

Proportions—Breadth to Length .....

Depth to Length—Upper Deck to top of Keel .....

Main Deck ditto .....

Master C. Walters

Year of appointment

Built at Belfast

When built 1892

Launched Sept 8

By whom built Harland &amp; Wolff Ltd.

Owners Sagamore S. &amp; C. Co. Ltd.

Managers J. Warren &amp; Co.

(Where necessary to be entered in Book.)

Residence

Port belonging to

Destined Voyage

If Surveyed while Building, Afloat, or in Dry Dock while Building

LENGTH on Deck	Feet.	Inches.	BREADTH—	Feet.	Inches.	DEPTH top of Floor to	Feet.	Inches.	Power of Horse	No. of Decks with flat laid
as per Rule	428		Moulded	46		Upper Deck Beams	31	0	Engines	Three
						Main Deck Beams	23	6		No. of Tiers of Beams
										Three

Dimensions of Ship per Register, Length 430.4 breadth 46.25 depth 31. Moulded depth, ft. 34 ins. 3 3/4 To Upper Dk. Beam, Upper Dk. 9 1/4 ins.

## FORGINGS or CASTINGS.

EEL, Bar or Side Plates, depth and thickness

TEM, moulding and thickness .....

TERN-POST for Rudder do. do. Cast

for Propeller .....

PIECE of Rudder, diameter at head .....

do. at heel .....

RUDDER, how constructed

Can the Rudder be unshipped afloat?

## FRAMING.

FRAME, Angles, or Bars for 1/2 length amidships

Do. for 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 1/2 length amidships .....

in way of Engines and Boilers .....

thickness at the ends of vessel .....

depth at 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 Dbl Btm, depth &amp; thcknss

Angles, Top 4 x 4 1/2 Steel Bottom

SIDE GIRDERS, number and thickness .....

Angles .....

MARGIN PLATE, dpth (excl. of flange) &amp; thcknss

Angles .....

INNER BOTTOM PLATING, breadth and

thickness of Middle Line Strake

in Engine and Boiler space

Remainder in Holds .....

BEAMS, Upper Deck, Single Angle, Bulb

Angle, Plate or Tee Bulb .....

Angles on upper edge .....

Average space .....

BEAMS, Middle 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, or Orlop, Plate or Tee Bulb

Angles on upper edge .....

Average space .....

BEAMS, Poop and 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 .....

PIELARS, In 'tween Decks, Size and Spacing

Hold

WEB FRAMES, In Fore Body, No. and spacing

Brth. &amp; Thickness

No. of Side Stringers

WEB FRAMES, In After Body, No. and spacing

Brth. &amp; 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 &amp; STRINGERS.

CENTRE LINE KEELSON, Vertical Plate above

floors, Through Plate, or Intercoastal Plate

Rider Plate .....

Bulb Plate to Intercoastal Keelson .....

Horizontal Plates on Floors .....

Angles .....

SIDE KEELSON, Angles .....

Bulb or Plate above floors, for length

Intercoastal Plate, for length

Attached to outside Plating with Angle ..

BILGE KEELSON, Angles .....

Bulb or Plate above floors, for length

Intercoastal Plate for length

Attached to outside Plating with Angle ..

BILGE STRINGER Angles .....

Bulb Plate for length

Intercoastal Plate for length

Attached to outside Plating with Angle ..

SIDE STRINGER Angles .....

Bulb or Intercoastal Plate for length

Attached to outside Plating with Angle ..

Upper Deck Stringer Plate, on ends of Beams,

breadth and thickness .....

Angle on ditto .....

Tie Plates fore and aft, outside Hatchways

Flat of Dk. \* Iron or Steel, for entire lng.

Wood none Material &amp; thickness

How fastened to Beams .....

Middle Deck Stringer Plate, br'dth &amp; thickness

Angles on ditto, No. 2

Tie Plates outside Hatchways .....

Diagonal Tie Plates on Bms., No. of prs.

Flat of Dk. \* Iron or Steel, for entire lng.

Wood none Material &amp; thickness

How fastened to Beams .....

Lower Deck Stringer Plate, br'dth &amp; thickness

Angles on ditto, No. 2

Tie Plates, outside Hatchways .....

Flat of Deck \* Material and thickness ..

How fastened to Beams .....

Hold or Orlop Stringer Plate, br'dth &amp; thcknss

Is the Stringer Plate attached to the outside Plating?

Angles on ditto, No.

Tie Plates outside Hatchways .....

Flat of Deck \* Material and thickness ..

How fastened to Beams .....

Poop Deck Stringer Plate, breadth &amp; thickness

Angle on ditto .....

Tie Plates .....

Flat of Deck, Material and thickness ..

Bridge Deck Stringer Plate, breadth &amp; thcknss

Angle on ditto .....

Tie Plates .....

Flat of Deck, Material and thickness ..

Forecastle Deck Stringer Plate, bdth &amp; thcknss

Angle on ditto .....

Tie Plates .....

Flat of Deck, Material and thickness ..

and plated over for 50 ft. from stem

## PLATING.

FLAT PLATE KEEL, breadth and thickness

D'bling or inc. thickness &amp; len. appl'd

PLATES in Garboard Strakes, br'dth &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 throughout

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

Sheerstrake, breadth and thickness

Of d'bling at Sh'stk. &amp; length appl.

Poop Sides .....

Bridge do. ....

Forecastle do. ....

Lengths of Plating



Order for Special Survey No. 936  
Date Nov. 5<sup>th</sup> 1891  
Order for Ordinary Survey No. —  
Date —  
No. 256 in builder's yard

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

State dates and initials of letters respecting this case M. Oct. 21<sup>st</sup> Nov. 11<sup>th</sup> 25<sup>th</sup> 91 Jan. 28<sup>th</sup> Feb. 23<sup>rd</sup> April 19<sup>th</sup> 1892

General Remarks (State quality of workmanship, &c.) This vessel has been built in accordance with the approved tracing of Midship Section, forwarded on the 26<sup>th</sup> Nov. and with the accompanying approved tracings of Prop. Bridge, Forecastle and Spiller deck plan; Bottomal elevation, and Mast plan, the Secretary's letters dated as above, so far as they apply, have been complied with, and the Rules for Steel vessels in all other respects have been adhered to. The Butts of upper deck plating have double straps twice riveted for half length. The materials used in the construction of this vessel, and the workmanship are very good.

\* Subsequently returned and herewith enclosed.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 76 ft., R.Q.D. or Break — ft., Bridge Dk. 120 ft., F'castle 94 ft. (in feet and tenths) where the Poop is joined to the B.D., this should be distinctly stated

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) 3 Strs (Stl) 3 Strs.

Official No. 102054 Signal Letters —

PARTICULARS OF WATER BALLAST.—Double bottom, aft, length — and water capacity in tons — Double bottom, forward, length — and water capacity in tons — Double bottom, under engines and boilers, length — and water capacity in tons — If under engine only, or boilers only, state which — Double bottom, constructed on the cellular system, length 356 feet and water capacity in tons 1062.

Fore peak tank, water capacity in tons 40 After peak tank, water capacity in tons 40  
Midship deep tank, length 32 ft. and water capacity in tons 590 Other tanks, fitted, length 32 ft. and water capacity in tons 543.

The above have — all been tested as required by the Rules.  
(If necessary, furnish further information by sketch.)

How are the surfaces preserved from oxidation? Inside Portland Cement and paint Outside Paint.

FREEBOARD assigned by the Committee, as per Secretary's Letter dated 22<sup>nd</sup> Nov. 1892.  
In Summer 8 ft. 3 ins.  
In Winter 8 ft. 9 ins.  
For Winter in North Atlantic 9 ft. 3 ins.  
Fresh Water above the centre of disc 6 ins.

The amount of Entry Fee £ 5. — Is received by me, J. H. — certificate to be sent to this office.  
Special £ 145. 7. 1/2  
Certificate £ 29. 10. 0

Travelling Expenses, if any £ —  
I am of opinion this Vessel should be Classed + 100 A 1 3 Strs (Stl) 3 Strs.

Committee's Minute  
Character assigned 100 A 1 Steel  
Latop + Lmcll, 92 3 Strs (Stl)

TUES. 6 DEC 1892

This Vessel appears to have been built in accordance with the Rules and the approved plans, and it is submitted that she is eligible to be classed 100 A 1 (Stl) as recommended.

100 A 1 (Stl)  
3 Strs (Stl)  
H. B. — Call D. 8 20 (particulars above)  
F. K.

James Curpin  
Surveyor to Lloyd's Register of British & Foreign Shipping.

REF 61-0010 (212)  
REF 61-0011

Order for Special Survey No. 936  
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