3 Decks.

...several parts of the frame, when in ... was wrought } Built under S.S. and surveyed 1893 Jan. 5 9 11 13 16 ... July 23 6 13 13 17 20 28 March 8 9 16 20 24 28 30 April ... 19 20 30 31 June 2 6 8 15 16 19 20

~~IRON OR~~ STEEL STEAMER.

State if Report is also sent on the Machinery of the Vessel Yes Nwo. No. 28961.

(Received at London Office WED. 23 AUG 1893)

No. 14044 Survey held at Sunderland Date of completion of report 21 August 93. Port of Sunderland

On the Steel screw steamer "WARRIGAL" Date, First Survey January 5/93 Last Survey August 19th 1893

THREE DECKED VESSEL. YARD No. 177 Rig Schooner (3 masts)

CLASS ✠100A

TONNAGE under Tonnage Deck	4036.43
Do. between Tonnage Dk. and 3rd and 4th Dk.	
Total under Upper Dk.	
Do. of Poop Cart Room	142.32
Do. of Bridge House	9.26
Do. of Houses on Dk.	87.80
Do. of excess of Hatchways	37.65
Do. of Forecastle	73.83
Do. above Crown of Engine Room	
Gross Tonnage	4387.29
Less Crew Space	147.24
Less above Crown of Engine Room	
TONNAGE FOR FEES	4240.05
Less Engine Room	1463.93
Less Navigation Spaces	57.63
Register Tonnage as cut on Beam	2778.49

	FEET.
Half Breadth (moulded)	23.62
Depth from upper part of Keel to top of Upper Deck Beams	31.0
Girth of Half Midship Frame (as per Rule)	49.25
1st Number	103.87
deduct 7 feet	7.0
Length	96.87
2nd Number	398.16
Proportions—Breadth to Length	385 69
Depth to Length—Upper Deck to top of Keel	8.42
Main Deck ditto	12.8

Master J. E. Ilberry

Year of appointment (1) As Master in service of owners of present vessel:—1868 (2) As Master of this vessel 1893

Built at Sunderland

When built 1893 Launched 13th July

By whom built Sunderland Shipbldg Co. (Limd)

Owners W. Lund

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

Residence London

Port belonging to London

Destined Voyage Australia If Surveyed while Building, Afloat, or in Dry Dock

	Feet.	Inches.		Feet.	Inches.		Feet.	Inches.			
LENGTH on Deck as per Rule	398	2	BREADTH—Moulded	47	3	DEPTH top of Cellular bottom plating to Upper Deck Beams	27	0	Power of Engines	Horse. 650	No. of Decks with flat laid Two
						Do. do. Main Deck Beams	19	1			No. of Tiers of Beams Three

Dimensions of Ship per Register, Length 400' breadth 47.6' depth 26.65' measured from ceiling to top of strong beam Moulded depth, ft. 30 ins. 0 To Upper Dk. Round up of Beam, Upper Dk. 12 ins.

FORGINGS or CASTINGS.

	Inches in Ship.	Inches per Rule. Or as Approved.
KEEL, Bar or Side Plates, depth and thickness	9 x 3 12/16	9 x 3 13/16
STEM, moulding and thickness	9 x 3 13/16	9 x 3 13/16
STERN-POST for Rudder do. do.	11 x 7½	11 x 7½
" for Propeller	11 x 7½	11 x 7½
MAIN-PIECE of Rudder, diameter at head	9½	9½
" do. at heel	4¾	4¾
RUDDER, how constructed Cast steel, as per sketch		

Can the Rudder be unshipped afloat? yes

FRAMING.

	Inches in Ship	Inches in Ship.	~~Eths or~~ 20ths in Ship.	Inches per Rule Or as	Inches per Rule Or as Approved.	~~Eths or~~ 20ths per Rule.
FRAME, ~~Angles, or~~ Bars except at extreme ends ~~for ⅔ length amidships~~ ~~for 1~~ at each end	6 x 3½ x 3 x 11			6 x 3½ x 3 x 11		
Do. in way of Double Bottoms	5½	3½	8	5½	3½	8
Distance of Frames from moulding edge to moulding edge, all fore and aft	3½	3½	9	3½	3½	9
REVERSED FRAME Angles	-	24	-	-	24	-
FLOORS, ~~depth and thickness of Floor Plate at mid-line for ⅔ length amidships~~	4	3½	9	4	3½	9
" ~~in way of Engines and Boilers~~	Cellular double bottom					
" ~~thickness at the ends of vessel~~	-	-	-	-	-	-
" ~~depth at ¾ the half breadth, as per Rule~~	-	-	-	-	-	-
" ~~heig't extended at the Bilges~~	-	-	-	-	-	-
FLOORS & BRACKETS in Cell Dble Bottoms	-	-	-	-	-	-
" Distance apart	46	-	9	46	-	9
CENTRE GIRDER, in Dbl Btm. depth & thcknss	-	24	-	-	24	-
" " Angles, Top 4 x 4 x 10/20 Bottom	46	-	11	46	-	11
SIDE GIRDERS, number and thickness	Double Plates one		8	one 4	4	10
" " Angles	3½	3½	9	3½	3½	9
MARGIN PLATE, dpth (excl. of flange) & thcknss	32	-	10	32	-	10
" " Angles	4	4	10	4	4	10
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	36	-	10	36	-	10
" " in Engine and Boiler space	-	-	10	-	-	10
" " Remainder in Holds	-	-	8	-	-	8
BEAMS, Upper Deck, ~~Single Angle, Bulb Angle~~, Plate ~~or Tee~~ Bulb	10	-	10	10	-	10
" Angles on upper edge	3½	3½	7	3½	3½	7
" Average space	-	48	-	-	48	-
BEAMS, Middle Deck, ~~Single Angle, Bulb Angle~~, Plate ~~or Tee~~ Bulb	11½	-	10	11½	-	10
" Angles on upper edge	3½	3½	8	3½	3½	8
" Average space	-	48	-	-	48	-
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	12	-	12	12	-	12
" Angles on upper edge	6	4	9	6	4	9
" Average space	under 20 feet,					
BEAMS, Poop and Bridge Deck, ~~Angle~~, Bulb Angle, ~~Plate or Tee Bulb~~	8	3	12	8	3	12
" ~~Angles on upper edge~~	-	-	-	-	-	-
" Average space	-	48	-	-	48	-
BEAMS, Forecastle Deck, ~~Angle, Bulb Angle~~, Plate ~~or Tee~~ Bulb	9	-	9	9	-	9
" Angles on upper edge	3½	3	7	3½	3	7
" Average space	-	48	-	-	48	-
BEAMS, In 'tween Decks, Hold, Size and Spacing	2⅞ x 3 5/16		spaced 48 amidships as per rule			
" "	3¾ x 4⅛					
" " ~~Brdth. & Thickness~~	-	-	-	-	-	-
" " ~~No. of Side Stringers~~	Wet frames in engine and boiler space only, as per approved plan					
FRAMES, ~~In Fore Body, No. and spacing~~	-	-	-	-	-	-
" " ~~Brdth. & Thickness~~	-	-	-	-	-	-
FRAMES, ~~In After Body, No. and spacing~~	-	-	-	-	-	-
" " ~~Brdth. & Thickness~~	-	-	-	-	-	-
~~No. of Side Stringers~~	-	-	-	-	-	-
Size of Angles or Tee Bars to Web Frames	-	-	-	-	-	-
~~FLOOR PLATES to Stringers between Frames, Depth and Thickness~~	-	-	-	-	-	-

KEELSONS & STRINGERS.

	Inches in Ship	Inches in Ship.	~~Eths or~~ 20ths in Ship.	Inches per Rule Or as	Inches per Rule Or as Approved.	~~Eths or~~ 20 ths per Rule
CENTRE LINE KEELSON, ~~Vertical Plate above floors, Through Plate, or Intercostal Plate~~	Centre through plate					
" ~~Rider Plate~~	-	-	-	-	-	-
" ~~Bulb Plate to Intercostal Keelson~~	-	-	-	-	-	-
" ~~Horizontal Plates on Floors~~	-	-	-	-	-	-
" ~~Angles~~	-	-	-	-	-	-
~~SIDE KEELSON, Angles~~	-	-	-	-	-	-
" ~~Bulb or Plate above floors, for length~~	-	-	-	-	-	-
" ~~Intercostal Plate, for length~~	-	-	-	-	-	-
" ~~Attached to outside Plating with Angle~~	-	-	-	-	-	-
BILGE KEELSON, Angles	6½	4½	10	6½	4½	10
" ~~Bulb or Plate above floors, for length~~	-	-	-	-	-	-
" Intercostal Plate for three fifths length	-	-	9	-	-	9
" Attached to outside Plating with Angle	3½	3½	10	3½	3½	10
BILGE STRINGER Angles	6½	4½	10	6½	4½	10
" Bulb Plate for whole length	-	11	10	-	11	10
" ~~Intercostal Plate for length~~	-	-	-	-	-	-
" ~~Attached to outside Plating with Angle~~	-	-	-	-	-	-
~~SIDE STRINGER Angles~~	-	-	-	-	-	-
" ~~Bulb or Intercostal Plate for ing.~~	-	-	-	-	-	-
" ~~Attached to outside Plating with Angle~~	-	-	-	-	-	-
Upper Deck Stringer Plate, on ends of Beams, breadth and thickness	6.0	12		6.0	12	
" Angle on ditto	5 x 4 x 13			5 x 4 x 13		
" Tie Plates fore and aft, outside Hatchways	Deck plating increased in thickness					
" Flat of Dk.* ~~Iron or~~ Steel, for whole lng.	-	8		-	8	
" " Wood ~~Pitch Pine~~ Material & thickness	3½"	-		3½	-	
" How fastened to Beams riveted and bolts and nuts						
Middle Deck Stringer Plate, br'dth & thickness	6.0	10		6.0	10	
" Angles on ditto, No. two	4 x 4 x 9			4 x 4 x 9		
" Tie Plates outside Hatchways	Deck plating increased in thickness					
" ~~Diagonal Tie Plates on Bms., No. of prs.~~	-	-		-	-	
" Flat of Dk.* ~~Iron or~~ Steel, for whole lng.	8	-		8	-	
" ~~Wood Material & thickness~~	-	-		-	-	
" How fastened to Beams riveted	-	-		-	-	
~~Lower Deck Stringer Plate, br'dth & thickness~~	-	-		-	-	
" ~~Angles on ditto, No.~~	-	-		-	-	
" ~~Tie Plates, outside Hatchways~~	-	-		-	-	
" ~~Flat of Deck,* Material and thickness~~	-	-		-	-	
" ~~How fastened to Beams~~	-	-		-	-	
Hold or Orlop Stringer Plate, br'dth & thickns	51	9		51	9	
Is the Stringer Plate attached to the outside Plating?	yes					
" Angles on ditto, No. four	4 x 4 x	9		4 x 4 x	9	
" ~~Tie Plates outside Hatchways~~	-	-		-	-	
" ~~Flat of Deck,* Material and thickness~~	-	-		-	-	
" ~~How fastened to Beams~~	-	-		-	-	
Poop Deck Stringer Plate, breadth & thickness	43	7		43	7	
" Angle on ditto	3 x 3 x	7		3 x 3 x	7	
" Tie Plates	15	7		15	7	
" Flat of Deck, Material and thickness	Pine 3½ thick					
Bridge Deck Stringer Plate, breadth & thcknss	46	9		46	9	
" Angle on ditto	4 x 4 x 9			4 x 4 x 9		
" Tie Plates	18	8		18	8	
" Flat of Deck, Material and thickness	Pine 3½ thick					
Forecastle Deck Stringer Plate, bdth & thckns	43	7		43	7	
" Angle on ditto	3 x 3 x	7		3 x 3 x	7	
" Tie Plates	15	7		15	7	
" Flat of Deck, Material and thickness	Pine 3½ thick					

PLATING.

	Inches in Ship.	~~Eths or~~ 20ths in Ship.	Inches per Rule Or as	~~Eths or~~ 20ths per Rule. Approved.
~~FLAT PLATE KEEL, breadth and thickness~~	-	-	-	-
" ~~D'bling or inc. thickness & len. appl'd.~~	-	-	-	-
PLATES in Garboard Strakes, br'dth & thickness	46	14	36	14
" from Garboard to lower part of Bilges (State Thickness of Plating in way of Double Bottom.)	13 x 12			13 x 12
" Bilges, number of Strakes and thickness	12 x 11			12 x 11
" Of doubling at Bilge, or increased thickness, and length applied	three 13 x 14			13 x 14
" from up. prt. of Bilge to lr. edge of Sh'pstrake	12			12
" strake below thick doubling for ½ l.	12 x 13			12 x 13
" Sheerstrake, breadth and thickness	13			13
" Of d'bling at Sh'stk. & length appl. ¾ l.	44	14	44	14
" Poop Sides		12		12
" Bridge do.		8		8
" Forecastle do.		8		8
Lengths of Plating Seven frame spaces		8		8

* If Iron or Steel Deck, state if whole or part, and if Wood Deck is laid thereon.

State clearly where plating is of alternate thicknesses—as distinguished from diminished thicknesses at ends of vessel.

B 2000 T. & S. 31-5-90.

SLD987-0141/2

Robert Edmund Taylor & Son, Printers, 19, Old Street, Goswell Road, London.

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Ceiling betwixt Decks, thickness and material 2 pine

" in hold do. do. 2½

Number of Breasthooks Seven

" Crutches Four and deep frames.

BULKHEADS. No. in Vessel Six No. Reqd. by Rule Six

	Thickness	Angles.	Spacing.	Height up.	Sngl or Dble. Frames
W. T. Bulkheads	7-6 / 20	Vrtcl. 5½ x 3½ x 7/20 Hrzntl. Bulb Angles 8 x 3 x 10/20	30 as	To Upper deck	Double
Partition ..		~~Vrtcl.~~ ~~Hrzntl.~~ Bulkheads additionally stiffened as approved			
Longitudinal		Vrtcl.			

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

The **FRAMES** extend in one length from 2 bars from bilge to gunwale Riveted through plates with 7/8 in. Rivets, about 6½ apart.

The **REVERSED ANGLE** on floors and frames ~~from~~ 2 frames except at extreme ends

Reversed frames at ends to upper deck, alternately to forecastle & otherwise as per Rules

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 1⅛ in. diameter, averaging 5⅝ ins. from centre to centre.

Edges of Garboards, and to upper part of Bilge, worked clencher, double riveted; with rivets 1 & 7/8 in. diameter, averaging 4 & 3⅜ ins. from centre to centre.

Butts from Keel to turn of Bilge, ~~worked carvel, treble or double riveted; treble for~~ ~~length; with rivets~~ ~~in. dia., averaging~~ ~~ins. from cr. to cr.~~

" " " overlapped for whole length, treble riveted for whole length; with rivets 7/8 in dia., averaging 3⅛ ins. from cr. to cr.

Butts of all Strakes **at Bilge** for whole length, treble riveted ~~with Butt Straps~~ ~~thicker than the plates they connect.~~

Edges from Bilge to Sheerstrake, worked clencher, double riveted; with rivets 1 & 7/8 in. diameter, averaging 4-3⅜ ins. from centre to centre.

Butts from ~~Bilge~~ L Strake to Sheerstrake, worked carvel, treble ~~or double~~ riveted; treble for whole length; with rivets 1 & 7/8 in. dia., averaging 3½ & 3 1/16 ins. from cr. to cr.

" of K, and all below overlapped for whole length, treble riveted for whole length; with rivets 7/8 in dia., averaging 3 1/16 ins. from cr. to cr.

Edges of Sheerstrake, double riveted. **Butts of Sheerstrake,** treble riveted for whole length amidships.

Butts of Middle Deck Stringer Plate, overlap. treble riveted for whole length amidships. **Butts of Upper Deck Stringer Plate,** treble riveted ~~for~~ ~~length~~

" " ~~Single or Double Straps for lgth. amidships.~~ " " " ~~Single or~~ Double Straps for half lgth.

Butts of Inner Bottom Plating double riveted for whole length. **Butts of Centre Girder** double straps treble riveted.

Breadth of edge laps of Shell Plating in double riveting 6" & 5¼". ~~**Breadth of edge laps of Shell Plating** in single riveting~~

Butt Straps of Shell Plating, breadth and thickness 19 x 14/20 to 16¾ x 16/20 **Butts if Lapped, breadth of laps** 12 & 9½

Butt Straps of Keelsons, Stringer and Tie Plates, treble or double riveted? Treble and double

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.? Siemens-Martin Steel plates by Stockton Mal. Co.; Consett Co.; Moor Co.; Bars by Dorman Long & Co.; Palmers Co.; Neilson Bros.;

Workmanship. Are the butts of plating planed or otherwise fitted? planed

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 the plating? a few in butts only

Are the butts of Plating, Stringers, &c., properly shifted and strapped? yes.

MASTS, SPARS, &c.

		Material.	Total Length	Diameter and Thickness. At Partners.	Heel.	Hounds.	Head.	No. of plates in round	Angles. Number.	Size.	Riveting. Seams.	Butts.
Lower Masts....	Fore	Steel	102'-0"	30 x 9/20	23 x 8/20	25 x 8/20	20 x 7/20	Three	3	4 x 3 x 9/20	Single	Treble & double
	Main	do.	94'-0	27 x 9/20	21 x 7/20	22½ x 7/20	18 x 7/20	do	-	-	Single	do. do.
	Mizzen	do.	85'-6	25 x 8/20	19½ x 7/20	21 x 7/20	16½ x 7/20	do	-	-	Single	do. do.
~~Bowsprit~~												

Topmasts, Yards and Remainder of **Spars**

Rigging, Material and Size, **Shrouds** Galvd Wire 4"-3¾" & 3½" . **Stays** 4½"-4" & 3½"

Sails, One Suit of Schooner Sails, and the following spare sails ✓

EQUIPMENT No. ~~11556~~ LETTER Y

ANCHORS.

Number of Certificate.		Weight, Ex. Stock. Cwts.	qrs.	lbs.	Weight of Stock. Cwts.	qrs.	lbs.	Test, per Certificate. Tons.	Cwts.	qrs.	lbs.	Weight Req. per Rule Cwts.	qrs.	lbs.	Description of Anchor.	Makers.	Where and when tested, and Superintendent.
25106	1st Bower ..	54	0	13	.	.	.	44	16	2	4	53	3	0	Smiths	Spencer Sons	Sld. 10.4.93 J. Hartness
25107	2nd " ..	54	0	0	.	.	.	44	15	0	0	53	3	0	Smiths	do	" 10.4.93 J. Hartness
25104	3rd " ..	50	0	16	.	.	.	42	10	2	14	51	0	0	Smiths	do	" 7.4.93 J. Hartness
13696	4th " ..	48	2	0	.	.	.	41	8	3	0	48	1	0	Vulcan	Geo. Tyzack & Co.	W. & S. 93 G. & J. Parsons
	Collective weight	206	3	1								206	3	0			
25045	Stream	14	1	7	3	2	14	15	19	0	7	14	0	0	Hodgson patent	G. Hartshorne & Co.	R.W.C.P.T. 20/4/93 J. Hartness
25046	Kedge	7	0	14	1	3	14	9	7	0	21	7	0	0	do do.	do.	do do do.
	2nd Kedge ..																

If Patent state Name of Patentee.

CHAIN CABLES.

Number of Certificate.	Fathoms.	Size.	Test per Certificate. Tons.	Weight of Chain Cable.	Fathoms & size. Per Rule.	Description.	Makers of Cables.	Where and when tested, and Superintendent.
10451	270	2 3/16	120 10/20 = 86T	669-1-20 645-0-0	270 - 2 3/16	stud link	G. Hartshorne & Co.	R.W.C.P.T. 27/7/93 J. Hartness
~~Iron or Steel Chain~~ Steel Wire ...	90	4¾	44 tons		90. 4¾	Steel	Bullivant & Co.	Certificate produced
Towline of steel wire	120	4¾	44. -		120. 4¾	.	— do —	— do —

HAWSERS AND WARPS.

	Material.	Fathoms	Size.	Fathoms & Size. Per Rule.
Towline	Manilla	90	12	90. 12
Hawser "	"	90	10	90. 10
Steel wire		120	3½	
Manilla		4-120	6	
"		2-120	5	

Boats Four life boats and two others

Pumps, Number nine Diameter of Barrel and Tail Pipe 6" & 3½"

The Windlass is Emerson Walker Thompson & Co. pat. ~~Capstan~~ eight steam winches

Engine Room Skylights.—How constructed? Teak

What arrangements for deadlights in bad weather? Teak shutters and bullseyes.

Coal Bunker Openings.—How constructed? Plates and bars How are lids secured? Solid hatches Height above deck? 18"

Number of **Scuppers,** and number and dimensions of **Freeing Ports, &c.** eight scuppers each side. Ten ports 2'-6" x 1'-6"

Cargo Hatchways.—How formed? Steel plates & bars, in usual manner **Hatches,** If strong and efficient? yes, solid

State size **No. 1 Hatch** (Forward) 20'-0" x 16'-0" **No. 2 Hatch** 28'-0" x 16'-0" **No. 3 Hatch** 28'-0" x 16'-0" **No. 4 Hatch** 20'-0" x 16'-0"

Number of **Web Plates, Shifting Beams,** and **Fore** and **Afters** to each Hatch No. 1, two webs; No. 2 two webs; No. 3 two webs, No. 4 one web Three fore and afters in each hatchway.

Bulwarks, height above deck and description 4'-3" plated Main Rail, material and size 6 x 3 channel, 3 x ½" cope

Form No. 1 B

The above is a correct description. FOR THE SUNDERLAND SHIPBUILDING CO LD.

Builder's Signature (here only) Walter R. Hindley SECRETARY

Surveyor's Signature, George Harrison

Surveyor to Lloyd's Register of British and Foreign Shipping.

Reference should be made to any correspondence connected with the case. *State whether Rivets are of Iron or Steel.*

Order for Special Survey No. 3833

Date 10 Decr. 92

Order for Ordinary Survey No.

Date

No. 177 in builder's yard

Dates of Surveys held while building as per Section 18.

1st. On the several parts of the frame, when in place, and before the plating was wrought	Built under S.S. and Surveyed 1893 Jan 5 9 11 13 16
2nd. On the plating during the process of riveting	14 20 25 26 Feby. 23 6 8 13 14 20 28 March 8 9 16 20 21 22 28 30 April
3rd. When the beams were in and fastened and before the decks were laid	4 11 12 13 19 20 25 26 28 May 12 14 10 19 29 30 31 June 2 6 8 15 16 1920
4th. When the ship was complete, and before the plating was finally coated or cemented ...	26 27 29 July 24 27 1220 29 Aug 12 14 20 21 24
5th. After the ship was launched and equipped	

Total No. of Visits 63

State dates and initials of letters respecting this case 1893 (m) 7-14 Decr / 93 (m) 9 Feb. 13-23-29 Mar. (E) 30 Mar.

General Remarks (State quality of workmanship, &c.) This is a steel screw steamer built in accordance with the approved plans, the Secretary's letters dated as above stated, and in other respects in conformity with the three decks rules for the 100 A Class.

The workmanship is good

The steel used in the construction has been manufactured by the firms named herein and tested at the works as required by the Rules

The watertights tested, by being flooded, & found satisfactory

The hand pumps, excepting one in fore peak (see letter to Ocean 21st Aug) now tested & found to be efficient & the sluice values and water tight doors are in good working order.

J. Dawkins.

The hand pump in the fore peak was fitted & examined 2/9/93

C.B.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 44 ft., R.Q D. or Break - ft., Bridge Dk. 100 ft., F'castle 46 ft. (in feet and tenths) where the Poop is joined to the B.D., this should be distinctly stated not joined

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) 2 Dks (Stl. W.W.S.) 3 tier B.

Official No. ; 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 338 feet and water capacity in tons 610

Fore peak tank, water capacity in tons 81 . After peak tank, water capacity in tons 20

Midship deep tank, length - and water capacity in tons - . Other tanks, if fitted, length - and water capacity in tons -

The above have now been tested as required by the Rules.

(If necessary, furnish further information by sketch.)

How are the surfaces preserved from oxidation? Inside portland cement & paint Outside paint

FREEBOARD assigned by the Committee, as per Secretary's Letter dated 4th August 93

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

In Summer	6 ft.	8 ins.
In Winter	7 ft.	1 ins.
For Winter in North Atlantic	7 ft.	6 ins.
Fresh Water above the centre of disc	6 ins.	

To top of ~~Wood, Iron or Steel Upper Deck.~~ Statutory deck line set off from steel upper deck, 2"

The amount of Entry Fee .....£ 5 : - : - ~~paid~~ is received by me, S.H.

Special.....£ 131 : - : - 24 August 1893

Certificate* £ - : - : -

Travelling Expenses, if any £ - : - : -

I am of opinion this Vessel should be Classed ✠ 100 A.1. "STEEL"

George Harrison

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

* *Certificate to be sent to*

The Surveyors are requested not to write on or below the Committee's Minute

Committee's Minute FRI 25 AUG 1893

Character assigned 100 A1 Steel

a + P + Lwc 8.93

2 Dks Stl. W.W.S. 3 tier B.

This vessel appears to have been built in accordance with the Rules & Approved Plans. As submitted, she is eligible to be classed 100 A1 "Steel" as recommended.

100 A1 "Steel"

2 Dks (Stl. W.W.) 3 tier B

W.B. = All D.B. as above

0141 2/2

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