

1 or 2 Dks., R.Q.Dk.,
and Pt. Awng. Dk.

IRON OR STEEL STEAMER.

No. 17385

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

Date of completion of Report

Date, First Survey

Port of Hull

Last Survey

Received at London Office

180. 30th 1905

Survey held at

On the

TONNAGE under

TONNAGE Deck

Do. of Poop

Do. of Raised Or.

Do. of Bridge House

Do. of Forecastle

Do. of Houses on Deck

Do. of excess of Hatchways

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

EMPEROR

ONE OR TWO DECKED VESSEL.

CLASS 100 A1 Steam Sailing

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 on deck from after part of stem to fore part of

2nd Number

Proportions—Breadths to Length

Depths to Length—Main Deck to top of Keel

Destined Voyage

If Surveyed while Building, Afloat, or in Dry Dock

Master

Year of appointment

Built at

When built

By whom built

Owners

Managers

Residence

Port belonging to

(1) As master in service of owner of present vessel—19
(2) As master of this vessel—19

LENGTH on Deck as per Rule 125 10 1/2 BREADTH—Moulded 21 11 DEPTH, ACTUAL—Top of Floors to top of Main Deck Beams 11 6 No. of Decks with Flat laid One No. of Tiers of Beams One

Dimensions of Ship per Register, Length, 127-0 breadth, 22-1 depth, 11-5 Moulded Depth, 12 ft. 4 ins. Round of Beam, Actual 6 ins.

FRAMING.				FORGINGS AND CASTINGS.			
Inches in Ship.	Inches in Ship.	16ths in Ship.	Inches per Rule Or as Approved.	Inches in Ship.	Inches in Ship.	16ths in Ship.	Inches per Rule Or as Approved.
FRAME, Angles, 7-E or L Bars for $\frac{1}{2}$ length amidships				KEEL, Bar or Side Plates depth and thickness			
Do. for $\frac{1}{2}$ at each end	3	2 $\frac{1}{2}$	6	STEM, moulding and thickness	7 $\frac{1}{2}$ x 1 $\frac{1}{2}$	7 $\frac{1}{2}$ x 1 $\frac{1}{2}$	7 $\frac{1}{2}$ x 1 $\frac{1}{2}$
Do. in way of Double Bottoms at Solid Floors	3	2 $\frac{1}{2}$	6	STERN-POST for Rudder do. do.	6 x 3	6 x 3	6 x 3
" " " at intermdt. Bkts.				" for Propeller	4 $\frac{1}{2}$	4 $\frac{1}{2}$	4 $\frac{1}{2}$
Spacing of Frames from centre to centre	20		20	MAIN PIECE of Rudder, diameter at head	3 $\frac{1}{2}$ x 3	3 $\frac{1}{2}$ x 3	3 $\frac{1}{2}$ x 3
REVERSED FRAME, Angles	2 $\frac{1}{2}$	2 $\frac{1}{2}$	4	RUDDER, how constructed <i>Forged iron frame, plated.</i>			
DEEP FRAMING, depth of girder				Can the Rudder be unshipped afloat? <i>Yes</i>			
FLOORS, depth and thickness of Floor Plate at mid-line for $\frac{1}{2}$ length amidships	16	6	16	KEELSONS AND STRINGERS.			
" in way of Engines and Boilers		7	7	CENTRE LINE KEELSON, Vertical Plate above floors, <i>Through Plate, or Intercoastal Plate</i>	7 $\frac{1}{2}$	7	7 $\frac{1}{2}$
" thickness at the ends of vessel		6	6	" Rider Plate			
" depth at $\frac{1}{2}$ the half breadth, as per Rule	<i>Straight across</i>			" Bulb Plate to Intercoastal Keelson			
" height extended at the Bilges	<i>See plan</i>			" Horizontal Plates on Floors			
FLOORS & BRACKETS, in Cell Dble Bottoms				" Angles	4	3	7
" " state if flanged (top & bottom)				SIDE KEELSON, Angles			
" " Spacing				" Bulb or Plate above floors for lng.			
CENTRE GIRDER, in Double Bottom, depth and thickness				" Intercoastal Plate for length			
" " Angles, Top				" Attached to outside plating with Angle			
" " Bottom				BILGE KEELSON, Angles <i>(One)</i>	5	4	8
SIDE GIRDERS, number on each side & thickness				" Bulb or Plate above floors for lng.			
" " state if flanged (top & bottom)				" Intercoastal Plate for length			
" " Angles				" Attached to outside plating with Angle			
MARGIN PLATE, depth (exclusive of flange) and thickness				BILGE STRINGER Angles			
" Angles to Outside Plating				" Bulb Plate for length			
" Floors				" Intercoastal Plate for length			
" Height of Floors at the Bilges				" Attached to outside plating with Angle			
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake				SIDE STRINGER Angles <i>(One)</i>	5	4	8
" thickness in Engine and Boiler space				" Bulb or Intercoastal Plate for lng.			
" Remainder in Holds				" Attached to outside plating with Angle			
BEAMS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	5	3	9	Main and Raised Quarter Deck Stringer Plate, breadth and thickness	50	5	50
" Angles on Upper Edge				" Angle on ditto	3 x 3	6	3 x 3
" Spacing	40		40	" Tie Plates, outside Hatchways	8	6	8
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb				" Diagonal Tie Plates on Bms., No. of Pairs			
" Angles on Upper Edge				" Main Dk* Iron or Steel for lng.			
" Spacing				" R. Q. Dk* Iron Steel for <i>Case</i> lng.		2 $\frac{1}{2}$	2 $\frac{1}{2}$
BEAMS, Hold, Plate or Tee Bulb				" Wood Deck, Material & thickness <i>P.P. Pine</i>	3	3	3
" Angles on Upper Edge				Lower Deck Stringer Plate, breadth and thickness			
" Spacing				" Angles on ditto, No.			
BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb				" Tie Plates, outside Hatchways			
" Angles on Upper Edge				" Deck* Material and thickness			
" Spacing				Hold Stringer Plate			
BEAMS, Bridge or Pt. Awng. Deck, Angle, Bulb Angle, Plate or Tee Bulb				" Angles on ditto, No.			
" Angles on Upper Edge				Poop Deck Stringer Plate, breadth & thickness			
" Spacing				" Angle on ditto			
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	5	3	8	" Tie Plates			
" Angles on Upper Edge				" Deck, Material and thickness			
" Spacing	40		40	Bridge or Pt. Awng. Deck Stringer Plate, breadth and thickness			
LLARS, In 'tween Decks, Size and Spacing				" Angle on ditto			
" Hold	2 $\frac{1}{2}$		2 $\frac{1}{2}$	" Tie Plates			
" Quarter, 'tween Dks.,				" Deck, Material and thickness			
" in Hold				Forecastle Deck Stringer Plate, brdth & thcknss		5	5
WEB FRAMES, In Fore Body, No. and Spacing				" Angle on ditto	3 x 3	6	3 x 3
" Brdth. & Thickness				" Tie Plates		5	5
" No. of Side Stringers				" Deck, Material and thickness <i>P.P. Pine</i>	3	3	3
WEB FRAMES, In E. & B. Space, No. & Spacing				* If Iron or Steel Deck, state if whole or part, and if wood deck is laid thereon.			
" Brdth. & Thickness				BULKHEADS.	Number.	Thickness.	STIFFENERS.
" No. of Side Stringers				In Vessel.	Per Rule.	16ths in Ship.	Horizontal.
WEB FRAMES, In After Body, No. and Spacing				Size.	Spacing.	Size.	Vertical.
" Brdth. & Thickness				Inches.	Inches.	Inches.	Spacing.
" No. of Side Stringers				W.T. BULKHEADS	4	4	4
" Size of Angles or Tee Bars to Web Frames				PARTITION			
BRACKET PLATES to Stringers between Web Frames, Depth and Thickness				LONGITUDINAL			

PLATING.

STRAKES.	AS IN SHIP.				PER RULE OR AS APPROVED.		SLOPE EDGES.				BUTTS.			
	AMIDSHIP.	FORWARD.	AFT.	AMIDSHIP.	AMIDSHIP.	AMIDSHIP.	Single or Double.	Breadth of Lap.	RIVETS.	Double or Triple and for what Length.	RIVETS.	STRAPS.	IF LAPPED.	
	Breadth.	Thickness.	Thickness.	Thickness.	Breadth.	Thickness.	Inches.	Inches.	Inches.	Diam.	Spacing or to cr.	Breadth.	Thickness.	
FLAT PLATE KEEL (If Bar Keel, state Riveting)	32	8	7	7	32	8								
GARBOARD OF A STRAKE														
B "														
C "														
D "														
E "														
F "	31	8	7	7	31	8								
G "														
H "														
J "														
K "														
L "														
M "														
N "														
O "														
P "														
DOUBLING OF FLAT PLATE KEEL														
Length and thickness of Bilges														
Length and thickness of Sheerstrakes														
Length and thickness of Strake below														
POOP SIDES														
RAISED QUARTER DECK SIDES														
BRIDGE SIDES														
FORECASTLE SIDES														
LENGTHS OF PLATING	Run frame spaces.													

Manufacturer's name or trade mark of the Iron or Steel (state process of manufacture of Steel) used for Frames, Floors, Beams, Keelsons, Tie and Stringer Plates, outside Plating, &c. *Mild Steel.*
South Durham S.S. & L. Co. Ltd. J. W. Dunningham.

Has the Steel been tested as required by the Rules? *Yes*

FRAMES extend in one length from *Keel* to *gunwale* state if ordinary or joggled. *Ordinary.*
 REVERSED FRAMES on floors and frames extend from *centre to deck and side stringers alternately* state if ordinary or joggled. *Ordinary.*
in way of bilges

MASTS, SPARS, &c.

LOWER MASTS...	Material.	Total length.	DIAMETER AND THICKNESS.			No. of Plates in round.	ANGLES.		RIVETING.	
			Heel.	Hounds.	Head.		Number.	Size.	Seams.	Butts.
Fore	P. Pine	41'-0"			14"					
Main										
Mizen	Steel	29'-0"			12					

Bowsprit *Yes*

Topmasts, Yards and Remainder of Spars *Pitch pine.*

Rigging, Material and Size, Shrouds *Solo wire 3 1/2, 2 1/2.* Stays *3 1/2, 2.*

Sails. *On* Suit of Sails and the following spare sails *Yes*

Equipment No. *5458* Letter *Seawater.* Tonnage U.D.K. or Plating No. for Travers *5458.*

ANCHORS.

Number of Certificate.	Anchors.	WEIGHT, EX STOCK			WEIGHT OF STOCK			TEST, PER CERTIFICATE.			WEIGHT REQUIRED BY TABLE 22.			Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	Cwts.	qrs.	lbs.	Cwts.	qrs.			
28666	1st Bower	5	2	0	1	1	14	4	16	10	5	2	0	Rodgers	W. L. Shipin	Sept. 18-10-05, Penryn
28667	2nd "	5	0	7	1	1	7	7	2	0	5	0	0	"	"	12-10-05
28668	3rd "	2	3	5	-	3	-	5	5	0	2	3	0	"	"	12-10-05
	Collective weight															
	Stream															
	Kedge															

CHAIN CABLES.

Number of Certificate.	Length and size supplied.		Test per Certificate.	WEIGHT OF CHAIN CABLE.		Length & Size per Table 22.	Description.	Makers of Cables.	Where and when tested and Superintendent.	Material.	Length and Size supplied.		Breaking Test of Steel Wire Towline.	Length and Size per Table 22.	
	Fathoms.	Inches.		Length.	Diam.						Length.	Cir.		Fathoms.	Inches.
289	105	1 1/2	20 3/16	30 1/16	60	3-13 1/16-2-18	105	1 1/2	Steel	W. L. Shipin	60	6	60	6	
										J. H. Dudley	60	4 1/2	60	4 1/2	

Iron Stream Chain or Steel Wire *Yes*

HAWSERS AND WARPS.

Number of Certificate.	Length and size supplied.		Breaking Test of Steel Wire Towline.	Length and Size per Table 22.	
	Fathoms.	Inches.		Fathoms.	Inches.
	60	6	60	6	
	60	4 1/2	60	4 1/2	

Boats *One*

Pumps, Number *Four* Diameter of Barrel *6"-4"* State whether they are in efficient working order *Yes.*

Windlass is by *Cochrane & Sons.* Capstan *Yes*

Engine Room Skylights—How constructed? *Of Teak.*

What arrangements for deadlights in bad weather? *Seal flaps and bullheads.*

Coal Bunker Openings—How constructed? *Cast iron rings* How are lids secured? *Secured.* Height above deck? *Flush.*

Number of Scuppers, and number and dimensions of Freeing Ports, &c. On each side, *4 Scuppers.* 3 Ports 18" x 9"

Ceiling in Holds, thickness and material *2" pine.* Cargo Batten, thickness and material *Yes.*

Cargo Hatchways—How formed? *Plates and angles.* Hatches—If strong and efficient? *Yes.*

State size No. 1 Hatch (Forward) *3-0 x 3-0* No. 2 Hatch *2-6 x 3-0* No. 3 Hatch *3-0 x 3-0* No. 4 Hatch *3-0 x 3-0*

Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch *Yes*

No. of Breasthooks *Four* No. of Crutches *1 and 2 on floor*

Bulwarks, height above deck and description *2-3 x 4-5* Main Rail and Stays, material and size *6 1/2 x 3/4" Steel R. A.*

The above is a correct description. *Cochrane & Sons* Surveyor's Signature *Allison B. Wilson.*
 Builder's Signature (here only) *Cochrane & Sons* Surveyor to Lloyd's Register of British and Foreign Shipping.

Correspondence.—State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with the case)

M. 14. 7. 05.

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 facing surfaces? *Yes* Do any rivets break into or through the seams or butts of the plating? *A few.*

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)? *Seawater* State results of tests *✓*

Have all the gutterways been tested as required by the Rules (Sec. 23, par. 25)? *Seawater* State results of tests *✓*

General Remarks (State quality of workmanship, &c.) *Workmanship good.*

This vessel has been built in accordance with the approved plans. The Secretary's letter of the above date and in general conformity to the Rules for the class contemplated.

Accompanying this Report: Plans of Midship Section, Profile and Decks, and report on Ship's Fittings.

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

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop *✓* ft., R.Q.D. or Break *67-0* ft., Bridge Dk. *✓* ft., Forecastle *21-0* ft. (in feet and 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 *✓*

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 Dk.* State if Machinery is fitted aft *Yes*

Official No. *✓*; Signal Letters *✓*

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

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

Where fitted.	Length.	Water Capacity.	Where fitted.	Length.	Water Capacity.
Double bottom, aft, <i>✓</i>			Fore peak tank, <i>✓</i>		
Double bottom, under Engines and Boilers, <i>✓</i>			After peak tank, <i>✓</i>		
Double bottom, if under Engines only, <i>✓</i>			Deep tank, aft, <i>✓</i>		
Double bottom, if under Boilers only, <i>✓</i>			Deep tank, forward, <i>✓</i>		
Double bottom, forward, <i>✓</i>			Other tanks, if fitted, <i>✓</i>		
Total capacity <i>✓</i>			(If necessary, furnish further information by sketch.)		

* 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 *✓*

Order for Special Survey No. *1514* Date *18/7/05* in builder's yard.

DATE of Survey held while building *1905: July 12, 17, 22 Aug 1, 4, 15, 18, 25 Sep 1, 7, 12, 15, 25, 29 Oct 10, 13, 20, 27, 30. Nov 2, 8, 21, 23, 25, 28, 30.*

No. *350* in builder's yard.

The amount of Entry Fee *£ 2 : -* Fees applied for, *4/12/1905*

Special *£ 11 : 6* Received by me, *6-12-05*

Traveling Expenses, if any *£ 18 : 10*

State whether the Vessel has been built under Special Survey *Yes*

I am of opinion this Vessel should be Classed *100A1. Steam Seawater.*

With, or without Freeboard, as condition of Class *Without.*

Committee's Minute *FRI. 8 DEC 1905*

Character assigned *100A1*

Stm Seawater

Lloyd's Register of British and Foreign Shipping

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