

3 Decks. Rule

IRON OR STEEL STEAMER.

THUR. 28 DEC 1905

Received at London Office

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

Date of completion of report 24th December 1905 Port of Middlesbrough No. 4376
Survey held at Stockton on Tees Date, First Survey 13th July 1905 Last Survey 18th Dec 1905

On the Steel Screw Trunk Steamer "Teesspool" and No 422 Rig Schooner (no sails)

TONNAGE under 3940.24

Tonnage Deck ...

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

Total under Upper Dk.

Do. of Poop Trunk 492.16

Do. of Bridge House

Do. of Forecastle 42.49

Do. of Houses on Dk. 74.53

Do. of excess of Hatchways 27.63

Do. above Crown of Engine Room

Gross Tonnage 4577.05

as Crew Space 115.99

as above Crown of Engine Room

Tonnage for Fees 4461.06

as Engine Room 1464.66

as Navigation Spaces 58.80

Register Tonnage 2937.60

as cut on Beam

Trunk THREE DECKED VESSEL. No Sheer

CLASS 100A1 Trunk Deck

FEET.

Half Breadth (moulded) 26.4

Depth from upper part of Keel to top of Upper Deck Beams 31.43

Circumference of Half Midship Beams (as per Rule) 112.25

1/2 Breadth + 1/2 Breadth + Rule depth 12.90

Less 1/4 of normal sheer on a length equal to 109.35

12 times the moulded depth deduct 14.00

1st Number 95.35

Length on deck from after part of stem to fore part of stern post 349.5

2nd Number 33324.8

Proportions—Breadth to Length 6.62

Depth to Length—Upper Deck to top of Keel 11.14

Main Deck ditto

Destined Voyage Baltimore

If Surveyed while Building, Afloat, or in Dry Dock

LENGTH on Deck Feet. Inches. BREADTH—Feet. Inches. DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams Feet. Inches. No. of Decks with flat laid One
as per Rule 349 6 Moulded 52 9 1/2 Do. do. do. do. Main Dk. Beams 27 9 1/4 No. of Tiers of Beams 1
Dimensions of Ship per Register, Length 357.5 breadth 53.0 depth 27.67 Moulded depth, ft. 30 ins. 4 To Upper Dk. Round of Upper Dk. Beam, Actual 13 1/4 ins.

FRAMING.						FORGINGS OR CASTINGS.					
Inches in Ship						Inches in Ship					
NAME, Angles, or L, E or L Bars for 1/2 length amidships						KEEL, Bar or Side Plates, depth and thickness					
Do. for 1/2 at each end						STEM, moulding and thickness					
Do. in way of Double Bottoms at Solid Floors						STERN-POST for Rudder do. do.					
" " " at intermdt. Bkts.						" " " for Propeller					
Distance of Frames from moulding edge to moulding edge, all fore and aft						MAIN PIECE of Rudder, diameter at head					
EVERSED FRAME, Angles						" " " do. at heel					
DEEP FRAMING, depth of girder						RUDDER, how constructed					
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships						Can the Rudder be unshipped afloat?					
" " " in way of Engines and Boilers						KEELSONS & STRINGERS.					
" " " thickness at the ends of vessel						CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate					
" " " depth at 1/2 the half breadth, as per Rule						" " " Rider Plate					
" " " height extended at the Bilges						" " " Bulb Plate to Intercoastal Keelson					
FLOORS & BRACKETS in Cell Dble Bottoms						" " " Horizontal Plates on Floors					
" " " Distance apart						" " " Angles					
CENTRE GIRDER, in Double bottom, depth and thickness						SIDE KEELSON, Angles					
" " " Angles, Top						" " " Bulb or Plate above floors, for lng.					
" " " Bottom						" " " Intercoastal Plate, for length					
SIDE GIRDERS, number on each side & thickness						" " " Attached to outside Plating with Angle					
" " " Angles						BILGE KEELSON, Angles					
MARGIN PLATE, depth (exclusive of flange) and thickness						" " " Bulb or Plate above floors, for lng.					
" " " Angles to Outside Plating						" " " Intercoastal Plate for length					
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake						" " " Attached to outside Plating with Angle					
" " " in Engine and Boiler space						BILGE STRINGER Angles					
" " " Remainder in Holds						" " " Bulb Plate for length					
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate or Tee Bulb						" " " Intercoastal Plate for length					
" " " Angles on upper edge						THREE SIDE STRINGER Angles					
" " " Average space						" " " Bulb or Intercoastal Plate, for full lng.					
BEAMS, Middle Deck, Single Angle, Bulb Angle, Plate or Tee Bulb						" " " Attached to outside plating with Angle					
" " " Angles on upper edge						Upper Deck Stringer Plates, br'dth & thickness					
" " " Average space						" " " Angle on ditto					
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb						" " " Tie Plates fore and aft, outside Hatchways					
" " " Angles on upper edge						" " " Deck * Iron or Steel, for full lng.					
" " " Average space						" " " Wood Deck. Material & thickness					
BEAMS, Hold, or Orlop, Plate or Tee Bulb						Middle Deck Stringer Plate, br'dth & thickness					
" " " Angles on upper edge						" " " Angles on ditto, No.					
" " " Average space						" " " Tie Plates outside Hatchways					
BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb						" " " Diagonal Tie Plates on Bms., No. of prs.					
" " " Angles on upper edge						" " " Deck * Iron or Steel, for lng.					
" " " Average space						" " " Wood Deck. Material & thickness					
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate or Tee Bulb						Lower Deck Stringer Plate, br'dth & thickness					
" " " Angles on upper edge						" " " Angles on ditto, No.					
" " " Average space						" " " Tie Plates outside Hatchways					
PILLARS, In-tween-Deck, size and spacing						" " " Deck. Material and thickness					
" " " Hold at ML on through beams						Hold, or Orlop Stringer Plate, br'dth & thckn's					
" " " Quarter-tween-Dk's						" " " Angles on ditto, No.					
" " " in Hold						" " " Tie Plates outside Hatchways					
WEB-FRAMES, In Fore Body, No. and spacing						" " " Deck. Material and thickness					
" " " br'dth. & thickness						Poop Deck Stringer Plate, breadth & thickness					
" " " No. of Side Stringers						" " " Angle on ditto					
WEB-FRAMES, In E. & B. Space, No. and spacing						" " " Tie Plates					
" " " br'dth. & thickness						" " " Deck. Material and thickness					
" " " No. of Side Stringers						TRUNK Bridge Deck Stringer Plate, br'dth & thickness					
" " " Size of Angles or Tee Bars to Web-Frames						" " " Angle on ditto					
BRACKET PLATES to Stringers between Web Frames, depth and thickness						" " " Tie Plates					
						" " " Deck. Material and thickness					
						Forecastle Deck Stringer Plate, br'dth & th'kns					
						" " " Angle on ditto					
						" " " Tie Plates					
						" " " Deck. Material and thickness					
						BULKHEADS.					
						Number, In Vessel, Per Rule, Thickness.					
						STIFFENERS.					
						Horizontal, Vertical, Single or Double Frames, Height up.					
						W. T. BULKHEADS					
						PARTITION					
						LONGITUDINAL					
						Are the outside Plates doubled two spaces of Frames in length?					
						Are the Sluice Valves and Watertight Doors in efficient working order?					

PLATING.										RIVETING.																																																																																																																																																																															
STRAKES.	AS IN SHIP.				PER RULE OR AS APPROVED.		EDGES.				BUTTS.				IF LAPPED.																																																																																																																																																																										
	AMIDSHIP.		FORWARD.		AFT.		Single or Double.	Breadth of Lap.	RIVETS.		Double or Treble and for what length.	RIVETS.		Breadth.	Thickness.																																																																																																																																																																										
	Breadth.	Thickness.	Thickness.	Thickness.	Breadth.	Thickness.			Inches.	Spacing or to or.		Inches.	Spacing or to or.																																																																																																																																																																												
FEAT PLATE KEEL..... (If Bar Keel, state Riveting) GARBOARD OF A STRAKE ...	44	20	14	15	44	20	Double	6	1	4	Lab FFA	1	3 1/2	19	14																																																																																																																																																																										
State actual thickness in way of Double Bottom.	40	15	13	13	40	15	"	5 1/2	7/8	3 1/2	Lab FFA	7/8	3 1/2		9																																																																																																																																																																										
B "	64	12	12	14	12		"	"	"	"	"	"	"																																																																																																																																																																												
C "	68	11	9	14	11		"	"	"	"	"	"	"																																																																																																																																																																												
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L "	48	12	9	9	12		"	"	"	"	"	"	"																																																																																																																																																																												
M "	44	13	10	10	44	13	"	"	"	"	"	"	"																																																																																																																																																																												
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DOUBLING OF PLATE KEEL	Flat keel plate increased 3/32						Bottom binder angles 3/32		Garboard strake 1/2		Center binder 3/32																																																																																																																																																																														
Length and thickness of Sheerstrakes.	all for 1/2 in line of keel						doubling																																																																																																																																																																																		
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FORECASTLE SIDES	7						7		7		12		Double																																																																																																																																																																												
<p>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, Plating, &c. <i>Open Hearth Process</i></p> <p>Steel Plates: <i>Consell & Malleable</i></p> <p>Angles: <i>Palmer Consell & Sorman</i></p> <p>Iron Plates: <i>J. Hill Iron Works Malleable</i></p> <p>Has the Steel been tested as required by the Rules? <i>Yes</i></p>																																																																																																																																																																																									
<p>FRAMES extend in one length from <i>Middle Line</i> to <i>Tank side & thence to gunwale</i></p> <p>REVERSED FRAMES on floors and frames extend from <i>Middle line to Tank side within double bottom. Bull angle deep framing outside double bottom. Alternate reverse frames to forecastle deck.</i></p>																																																																																																																																																																																									
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<p>Bowsprit</p> <p>Topmasts, Yards and Remainder of Spars <i>Pitch Pine</i></p> <p>Rigging, Material and Size, Shrouds <i>Steel Wire</i></p> <p>Sails. <i>Mt</i> Suit of <i>3 1/2</i> Stays <i>4 1/2</i></p> <p>Sails, and the following spare sails</p>																																																																																																																																																																																									
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<p>Boats <i>Two 24 ft Life One 18 ft Jolly</i></p> <p>Pumps, Number <i>7 by wheel hand pump connected to all Hold Suctions & one fore peak hand pump</i></p> <p>Windlass is <i>Steam Immersion Walker & Co</i> Capstan</p> <p>Engine Room Skylights. How constructed? <i>Steel</i></p> <p>What arrangements for deadlights in bad weather? <i>Bulls eyes</i></p> <p>Coal Bunker Openings. How constructed? <i>Plates & angles</i> How are lids secured? <i>Battered</i> Height above deck? <i>28"</i></p> <p>Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. <i>14 Scuppers each side. Open Rail & ports, lightening</i></p> <p>Ceiling in Holds, thickness and material <i>2 1/2 in. W</i> Ceiling 'tween Decks, thickness and material <i>2" battered</i></p> <p>Cargo Hatchways. How formed? <i>Steel plates & angles</i> Hatches, If strong and efficient? <i>Yes</i></p> <p>State size No. 1 Hatch (Forward) <i>24 x 18 x 2-6</i> No. 2 Hatch <i>24 x 18 x 2-6</i> No. 3 Hatch <i>24 x 18 x 2-6</i> No. 4 Hatch <i>24 x 18 x 2-6</i></p> <p>Number of Web Plates, Shifting Beams and Fore and Aft to each Hatch <i>From web plates in No. 1-2-3-4 three in No. 5</i></p> <p>No. of Breasthooks <i>10</i> No. of Crutches <i>Deep floor</i></p> <p>Bulwarks, height above deck and description <i>Partial at Midships 48" 8 x 3/8 BP Main Rail, material and size</i> <i>Steel BA 6 x 3 x 20</i></p> <p>The above is a correct description.</p> <p>Builder's Signature (here only) <i>per pro. ROPNER & SON.</i> Surveyor's Signature <i>Henry C. T. Ireland.</i></p>																																																																																																																																																																																									

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

M 11-12-04 29-12-04 31-1-05 2-2-05 8-3-05 3-5-05 9-5-05 7-6-05 E 11-5-04

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 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)? *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. *Yes*

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

This steel Saver Trunk Steamer has been built in accordance with the approved plans of Midship Section & Profile as amended, the Secretary's letters of the above mentioned dates bearing upon the case, and in other respects as required by the Rules & particulars for the class contemplated.

She has a Bilge Keel formed of a Bull Plate 9 x 3/2 and a Lee Bar 6 x 4 1/2 x 3/2 fitted for 1/2.

The Hand & steam steering gear seen working satisfactorily.

Sister Vessel is the "Clanissa Radcliffe" Malt Rpt No 3995 also "Stagpool" Malt Rpt No 4217.

2. Forging Rpts & 13 Plans enclosed.

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 *ft.*, Bridge Dk. *ft.*, F'castle *31.58 ft.* (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated. *Continuous trunk as shown on plans*

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 (St) Trunk St (St) One tier of beams & bull angle deep frames*

Official No. *119.888*; Signal Letters

How are the surfaces preserved from oxidation? Inside *Pattand Cement & Paint* Outside *Paint*

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

Where fitted.	Length.	Water Capacity.	Where fitted.	Length.	Water Capacity.
Double bottom, aft,	114	32.4	Fore peak tank,	23-7	215
Double bottom, under Engines and Boilers,			After peak tank,	22-0	270
Double bottom, if under Engines only,	24	99	Midship deep tank,		
Double bottom, if under Boilers only,			Other tanks, if fitted,		
Double bottom, forward,	142	495	(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. *Yes*

Order for Special Survey No. *684*

Date *15.5.05*

No. *422* in builder's yard.

DATES OF SURVEYS held while building

1905 July 13-15-17-20-21-24-24 Aug 1-2-4-8-11-15-16-14-18-29 Sept 4-8-15-18-22-24-28-30 Oct 3-4-5-9-10-12-18-24-30-30-31 Nov 2-3-7-8-14-15-16-17-21-22-23-24-29-30 Dec 1-5-5-6-7-8-11-12-13-14-15-18

Total No. of Visits *62*

The amount of Entry Fee.....£ *5* : : : 24.12.1905

Special Survey Fee£ *126* : 10 : 6 Received by me, *RND*

Traveling Expenses, if any £ : : : 24.12.1905

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

I am of opinion this Vessel should be Classed *+100A1* *Trunk St No. 1888* *Henry C. T. Ireland.*

With, or without Freeboard, as condition of Class *Yes* Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute *FRI. 29 DEC 1905*

Character assigned *100A1* *Trunk St No. 1888*

Lloyd's Register of British and Foreign Shipping

Lloyd's Register Foundation