

Spar, or Awning Dk. IRON OR STEEL STEAMER.

No. 17664

State if Report is also sent on the Machinery of the Vessel *Yes* MON. FEB 5 1900
Port of *Glasgow* Date of completion of Report *2nd Feb 1900* Received at London Office
Survey held at *Glasgow* Date, First Survey *1st July 1898* Last Survey *23rd January 1900*
On the *Steel Screw Steamer "TRENT."* Rig *Schooner.*

TONNAGE under 3248.64
Tonnage Deck... 1352.81
Do. between Tonnage Dk. and 3rd, 4th, Spar or Awning Dk.
Total under Upper Dk. 4691.45
Do. of Poop 82.01
Do. of Bridge House 125.10
Do. of Forecasts 528.78
Do. of Houses on Deck 236.12
Do. above Crown of Engine Room...
Gross Tonnage 5573.46
Less Crew Space 271.82
Less above Crown of Engine Room... 236.12
TONNAGE FOR FEES... 5065.52
Less Engine Room 2186.34
Less Navigation Spaces 30.51

Register Tonnage 3084.89
as cut on Beam...

SPAR, AWNING OR PART AWNING-DECKED VESSEL,
or a vessel having a continuous Shade Deck.

CLASS 100A1 "Steel" Spar Deck.

Half Breadth (moulded) 24.87
Depth from upper part of keel to top of Main Deck Beams 28.37
Girth of Half Midship Frame (as per Rule) 46.44
1st Number 99.68
Length 408.16
2nd Number 40685
Proportions—Breadths to Length 8.2
Depths to Length—Main Deck to top of Keel 14.91

Master *J. Constantine*

Year of Appointment

Built at *Glasgow*

When built *1900* Launched *19th Sept. 1899*

By whom built *R. Napier & Sons.*

Owners *Royal Mail Steam Packet Co.*

Managers

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

Residence *London*

Port belonging to *London*

Destined Voyage *Southampton*

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

LENGTH on Deck Feet. Inches. 408 2 BREADTH—Feet. Inches. 24 9 DEPTH, top of Floors to Spar or Awning Dk. Beams Feet. Inches. 28 37
as per Rule. Moulded. Main Deck Beams 23 5 1/2 Power of Engines 10 Horse. No. of Decks with flat laid 4
No. of Tiers of Beams 4
Dimensions of Ship per Register, Length 410 breadth 50.0 depth 32.35 Spar or Awn. Dk. Moulded depth, ft. 26 ins. 5 1/2 To Main Dk. Round up of 10 1/2 ins.
23.30 Main Deck.

FRAMING.			FORGINGS AND CASTINGS.		
	Inches in Ship.	Inches in Ship.		Inches in Ship.	Inches per Rule.
FRAME, Angles, or <i>TEE</i> or <i>PLATE</i> for 1/2 length amidships	6	3 1/2	KEEL, Bar or Side Plates, depth and thickness	7 1/2	11 1/2
Do. for 1/2 at each end	6	3 1/2	STEM, moulding and thickness	11 1/2 x 3 1/2	11 1/2 x 3 1/2
Do. in way of Double Bottoms at Solid Floors			STERN-POST for Rudder do. do.	13 1/2 x 8	13 1/2 x 8
Distance "of Frames from moulding edge to moulding edge, all fore and aft	24 1/2	24 1/2	" " for Propeller	12 x 9	12 x 9
REVERSED FRAME, Angles	4 1/2	3 1/2	MAIN PIECE of Rudder, diameter at head	11 1/2	11 1/2
DEEP FRAMING, depth of girder			do. at heel	5 1/2	5 1/2
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships			RUDDER, how constructed <i>Forged iron frame, plated</i>		
" in way of Engines and Boilers			Can the Rudder be unshipped afloat? <i>Yes</i>		
" thickness at the ends of vessel			KEELSONS AND STRINGERS.		
" depth at 1/2 the half-bdth. as per Rule			CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate		
" height extended at the Bilges			" Rider Plate		
FLOORS & BRACKETS, in Cell Dble Bottoms	4 1/2	10	" Bulb Plate to Intercoastal Keelson		
CENTRE GIRDER, in Double bottom, depth and thickness	4 1/2	11	" Horizontal Plates on Floors		
" Angles, Top	4	10	" Angles		
" Bottom	6 1/2	4 1/2	SIDE KEELSON, Angles		
SIDE GIRDERS, number and thickness	Two	10	" Bulb or Plate above floors, for length		
" Angles	3 1/2	3 1/2	" Intercoastal Plate, for length		
MARGIN PLATE, depth (exclusive of flange) and thickness	2 1/2	10	" Attached to outside plating with Angle		
" Angles	4	10	BILGE KEELSON, Angles		
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	3 1/2	10	" Bulb or Plate above floors, for length		
" thickness in Engine and Boiler space	3 1/2	10	" Intercoastal Plate, for length		
" Remainder in Holds	3 1/2	10	" Attached to outside plating with Angle		
BEAMS, Spar or Awning Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	9	5 1/2	BILGE STRINGER Angles	6 1/2	4 1/2
" Angles on upper edge			" Bulb Plate, for length		
" Average space	49	49	" Intercoastal Plate, for 3 1/2 length		
BEAMS, Main Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	12	6	" Attached to outside plating with Angle	3 1/2	3 1/2
" Angles on upper edge			SIDE STRINGER Angles		
" Average space	49	49	" Bulb or Intercoastal Plate, for length		
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	12	6	" Attached to outside plating with Angle		
" Angles on upper edge			Spar, or Awning Deck Stringer Plates, breadth and thickness	6 1/2	12
" Average space	49	49	" Angle on ditto	4 x 4	12
BEAMS, Hold, or Orlop, Plate or Tee Bulb	9	5 1/2	" Tie Plates, fore and aft, outside Hatchways		
" Angles on upper edge			" Diagonal Tie Plates, No. of prs.		
" Average space	49	49	" Deck, * Iron or Steel, for full length		
BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb	8	5	" Wood Deck, Material and thickness <i>Teak</i>	2 1/2	2 1/2
" Angles on upper edge			Main Deck Stringer Plate, breadth & thickness	6 1/2	10
" Average space	49	49	" Angles on ditto, No. 2	4 x 4	9
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate or Tee Bulb	5	5	" Tie Plates, outside Hatchways		
" Angles on upper edge			" Deck, * Material and thickness <i>P. Pine</i>	3	3
" Average space	49	49	" Diagonal Tie Plates, No. of prs.		
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	9	5 1/2	" Deck, * Iron or Steel, for full length		
" Angles on upper edge			" Wood Deck, Material and thickness <i>P. Pine</i>	3	3
" Average space	49	49	Lower Deck Stringer Plates, br'dth & thckn's	5 3/4	10
PILLARS, In tween Deck, size and spacing	3 3/4	49	" Angles on ditto, No. 2	4 x 4	9
" Hold	3 3/4	49	" Tie Plates, outside Hatchways		
" Quarter, tween Dks., "	3 3/4	49	" Deck, * Material and thickness <i>P. Pine</i>	3	3
" in Hold	3 3/4	49	" Diagonal Tie Plates, No. of prs.		
WEB FRAMES, In Fore Body, No. and spacing	11	8	" Deck, * Iron or Steel, for full length		
" br'dth & thickness	18	10	" Wood Deck, Material and thickness <i>P. Pine</i>	3	3
" No. of Side Stringers	3	3	Hold, or Orlop Stringer Plate, br'dth & thckn's	3 1/2	10
WEB FRAMES, In E. & B. Space, No. & spacing			" Angles on ditto, No. 2	4 x 4	9
" br'dth & thickness			" Tie Plates, outside Hatchways		
WEB FRAMES, In After Body, No. and spacing			" Deck, * Material and thickness <i>P. Pine</i>	3	3
" br'dth & thickness			" Diagonal Tie Plates, No. of prs.		
" No. of Side Stringers			" Deck, * Iron or Steel, for full length		
" Size of Angles or Tee Bars to Web Frames	4 1/2	3 1/2	" Wood Deck, Material and thickness <i>P. Pine</i>	3	3
BRACKET PLATES to Stringers between Web Frames, depth and thickness			Poop Deck Stringer Plate, breadth & thickness	4 1/2	7

PLATING.										RIVETING.										
STRAKES.	AS IN SHIP.						PER RULE OR AS APPROVED.		Lower EDGES.				BUTTS.							
	AMIDSHIP.		FORWARD.		AFT.		AMIDSHIP.		Single or Double.	Breadth of Lap.	RIVETS.		Double or Treble and for what Length.	RIVETS.		STRAPS.		IF LAPPED.		
	Breadth.	Thickness.	Thickness.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.			Diam.	Spacing cr. to cr.		Diam.	Spacing cr. to cr.	Breadth.	Thickness.	Breadth.	For what Length.	
FLAT PLATE KEEL	48	17	14	15	15	17	48	17					T full	1	3 1/2	19	21			
GARBOARD OF A Strake		14	13	13	14		14		Double	6	1	4 1/8	"	"	"	"	"	10 1/2	Full	
B "		12	10	10	15		12		"	5 1/4	2 1/8	3 1/2	"	"	7/8	3 1/8	"	9	"	
C "		12	10	10	15		12		"	"	"	"	"	"	"	"	"	"	"	
D "		13	10	10	15		13		"	"	"	"	"	"	"	"	"	"	"	
E "		13	10	10	15		13		"	"	"	"	"	"	"	"	"	"	"	
F "		13	10	10	15		13		"	"	"	"	"	"	"	"	"	"	"	
G "		13	10	10	15		13		"	"	"	"	"	"	"	"	"	"	"	
H "		13	10	10	15		13		"	"	"	"	"	"	"	"	"	"	"	
J "		13	10	10	15		13		"	"	"	"	"	"	"	"	"	"	"	
K "		13	10	10	15		13		"	"	"	"	"	"	"	"	"	"	"	
L "		13	10	10	15		13		"	"	"	"	"	"	"	"	"	"	"	
Main Sheer M "		14	10	10			14		"	6	1	4 1/8	"	"	3 1/2	19	9	10 1/2	"	
N "		14	9	9			14		"	"	"	"	"	"	1 1/2	20	10		"	
Spar Sheer O "	54	17	9	9			54	17	"	"	"	"	Q full	"	1 1/2	28 1/2	10		"	
P "	Length of plates 8 frame spaces																			
Q "																				
DOUBLING of Flat Plate Keel	1/2 L	14																		
Length and thickness of Bilges	Doubled 6-6 x 14 in way of oval ports.																			
Length and thickness of Sheerstrakes	Doubled 45-6 x 12 in way of Balcon side lights.																			
Length and thickness of Strake below	7																			
POOP SIDES	7																			
BRIDGE SIDES	7																			
FORECASTLE SIDES	7																			

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. *Simms Process.*

Angles, D. Colville & Sons, Blengarnock S. & J. Co., Banarkshire, Hallside.

Plates, D. Colville & Sons, Clydeside, Hallside, Mossend.

Iron Plates, Stockton Malleable & Co.

Tested as required by the Rules.

Spar or Awning (Butts, treble riveted for 1/2 L. T at ends length amidship.

Stringer Plate (Straps, single, double or overlapped for full length amidship.

Main Stringer (Butts, treble riveted for full length amidship.

Plate (Straps, single, double or overlapped for full length amidship.

Butts of Bilge & Side Stringers and Tie Plates, treble or double riveted? *S. & D.*

Inner Bottom Plating, riveting of Edges *Double* Butts *Double*

Centre Girder Butts, *Double* riveted **Keelson Butts**, *Double* riveted.

Frames, riveted through Plates with 7/8 in. Rivets, about 6 apart.

Rivets, state whether Iron or Steel *Iron*.

FRAMES extend in one length from centre to tankside to and from tankside to spar deck, poop and forecastle.

REVERSED FRAMES on floors and frames extend from centre to tankside and from tankside to spar and main decks alt. to spar and forecastle decks alt., all to spar deck in after peak.

MASTS, SPARS, &c.

	Material.	Total Length	DIAMETER AND THICKNESS.				No. of Plates in round.	ANGLES.		RIVETING.	
			At Partners.	Heel.	Hounds.	Head.		Number.	Size.	Seams.	Butts.
LOWER MASTS....	Fore .. <i>Pol.</i>	<i>Steel</i>	27.6	25 x 1/20	22 x 1/20	19 x 1/20	<i>Two</i>	<i>✓</i>	<i>✓</i>	<i>Single</i>	<i>Double</i>
	Main .. <i>"</i>	<i>"</i>	23.2	28 x 1/20	26 x 1/20	19 x 1/20	<i>"</i>	<i>✓</i>	<i>✓</i>	<i>"</i>	<i>"</i>
	Mizen .. <i>"</i>	<i>"</i>									
Bowsprit	<i>✓</i>										
Topmasts, Yards and Remainder of Spars	<i>Steel</i>										
Rigging, Material and Size, Shrouds	<i>Galv. Steel wire</i>	<i>4 1/4"</i>									
Stays	<i>4 1/2"</i>										
Sails.	<i>On</i>	Suit of									

EQUIPMENT No. 50233 LETTER Z ANCHORS.

Number of Certificate.	Anchors.	WEIGHT, EX. STOCK			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.				WEIGHT REQ. BY RULE.			Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.			
42869	1st Bower	73	3	5	Atchies			55	15	0	0	63	2	0	Halls patent	Henley & Sons	L.P.H. Netherton 25.11.99
42815	2nd "	73	2	14	"			55	15	0	0	63	2	0	"	"	" 9.11.99
42816	3rd "	73	1	25	"			55	10	0	0	54	0	0	"	"	" 1.11.99
	Collective weight	220	3	14								161	0	0			
42871	Stream	15	2	9	3	3	20	17	0	3	21	15	1	0	Ordinary	Henley & Sons	L.P.H. Netherton 25.11.99
42889	Kedge	7	2	2	2	0	9	9	15	3	21	7	2	0	"	"	" " " " " "
	2nd Kedge	Separate certificate vouching for the safe tests on these cast steel anchor heads have been issued by Messrs. Norton & Co.															

CHAIN CABLES.

HAWSERS AND WARPS.

Number of Certificate.	Fathoms.	Size.	Test per Certificate Tons.	WEIGHT OF CHAIN CABLE.		Fathoms and Size Per Rule.	Description.	Makers of Cables.	When and where tested, and Superintendent.	Material.	Fathoms.	Size.	Breaking Test of Steel Wire Towline.	Fathoms and Size Per Rule.			
				Supplied.	Per Rule.												
25923	150	2 3/8	142.2	0.425	0.196	82.1	11	270 x 2 1/4	Atchies	LPH Netherton 20.11.99	TOWLINE	Steel	120	5	59	120 x 5	
25924	150	2 3/8	101.16	0.424	0.214				Henley & Sons	" " 24.11.99	HAWSER	"	90	3 1/4	22	90 x 3 1/4	
												WARP	"	90	2 5/8	15	90 x 2 5/8
														90	2 5/8	15	90 x 2 5/8
Iron Stream Chain or Steel Wire ...	90	4 1/4	47					90 x 4 1/4	Bullivant & Co								
as approved per trial. See.																	

Boats *Seven Lifeboats, one steam launch and three others.*

Pumps, Number *Seven* Diameter of Barrel and Tail Pipe *Barrels 6" x 4". Tail pipes 3" x 2"*

Windlass is *Mapier Brothers (Lim.)* Capstan *connected to windlass*

Engine Room Skylights.—How constructed? *Teak*

What arrangements for deadlights in bad weather? *Strong Teak shutters. Brass guards to glass.*

Coal Bunker Openings.—How constructed? *Plates & angles* How are lids secured? *Caulked* Height above deck? *Coal through square ducts in spar or deck ports in ship's side*

Number of Scuppers, and number and dimensions of Freeing Ports, etc. *On each side, seven*

Ceiling in Holds, thickness and material *2 1/2 American Elm.* Ceiling 'tween Decks, thickness and material *P.P. 2"*

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

No. 1 Hatch 8-0 x 8-0 *Two, one on each wing* *No. 2 Hatch 12-3 x 9-0*

State size *No. 2 Hatch (Forward) 16-4 x 12-0* *No. 3 Hatches 18-2 x 7-0* *No. 4 Hatch 16-4 x 8-0* *No. 5 Hatch 12-3 x 9-0*

Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch *No. 1, 3 & 5 one fore and after, No. 2 one web & three fore after*

No. 4 one web and one fore and after. **No. of Breasthooks** *Ten* **No. of Crutches** *3 & 2 on floor*

Bulwarks, height above deck and description *Open rails and stanchions* Main Rail, material and size *Teak 11" x 3 1/2"*

The above is a correct description.

Builder's Signature (here only) *R. NAPIER & SONS, Limited.*

Surveyor's Signature *Allison & S. Wilson.*

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

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

M 1898 June 15, 27, Aug 6, Sept 6. 1899 July 15, 5th Aug. Sept 26,

£ 28.9.98, 18.10.98

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

to plate, &c., conform well to each other? Yes

from the faying surfaces? Yes

Do the holes for riveting plate to frames, butt straps, or plate

Are the rivet holes well and sufficiently countersunk in the plate and punched

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

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

Workmanship Good.

This vessel has been built in accordance with the approved plans, the Secretary letters of the above dates, and in general conformity to the Rules for the class contemplated.

Accompanying this Report, Plans of Midship Section, Profile & deck plan. Deck plans, Pumping Arrangements, Web frames, Rudder, Hold Casing Report on Ships Joistings, Outline of Rig & Masts.

Sister Vessel "Jaguar" Lbs. Report No. 14425.

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

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 46-0ft., R.Q.D. or Break ✓ ft., Bridge Dk. ✓ ft., F'castle 4-0ft. (in feet and tenths). When 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 Dks. (1 Atl. w.s.) + Spar dk (Atl. w.s.)

Official No. 112660; Signal Letters

How are the surfaces preserved from oxidation? Inside Brigs Asphalt and paint Outside Paint.

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system

Where fitted.	Length.	Water Capacity.	Where fitted.	Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,	75.54	82	Fore peak tank,	✓	
Double bottom, forward,	149.04	260	After peak tank,	✓	
Double bottom, under Engines and Boilers,	102.10	308	Midship deep tank,	✓	
Double bottom, if under Engines only,	Total	650	Other tanks, if fitted,	✓	
Double bottom, if under Boilers only,			(If necessary, furnish further information by sketch.)	✓	

State whether the above have been tested as required by the Rules. Yes

Order for Special Survey No. 3247

Date June 24th 1898

Order for Ordinary Survey No.

Date

No. 467 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 1898 July 7. 12. 14. 25. 28 Aug 1. 5. 8. 11. 15. 19. 22. 25. 30. Sept 5. 9. 13
2nd. On the plating during the process of riveting 15. 16. 21. 28 Oct 3. 11. 12. 13. 17. 20. 21. 27. 31 Nov 7. 8. 9. 10. 16. 17. 18. 21. 30 Dec 6. 8. 15. 19
3rd. When the beams were in and fastened, and before the decks were laid 21. 23. 24. 29. 30. 31 Apr 4. 7. 11. 17. 20. 24. 26 May 1. 3. 16. 17. 19. 24. 25. 30 June 1. 2. 5. 8
4th. When the ship was complete, and before the plating was finally coated or cemented 9. 12. 14. 19. 22. 27. 30 July 4. 5. 7. 10. 13. 25 Aug 1. 3. 8. 10. 11. 14. 15. 16. 18. 22. 23. 25. 28 Sept 1. 5
5th. After the ship was launched and equipped 19. 21. 26 1900 Jan 2. 11. 16 22. 23
Total No. of Visits 159

The amount of Entry Fee £ 5 :
Special Survey Fee £ 15 : 13 :
Travelling Expenses, if any £ : :

Fees applied for,

21 21 1900

Received by me,

8/2/18

Certificate to be sent to

Glasgow.

I am of opinion this Vessel should be Classed 100A1 "Steel" Spar Deck.

With, or without Freeboard, as condition of Class

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

Committee's Minute

TUES. 6 FEB 1900

Character assigned

2 atcp
+ 2 msc 1.00

100A1 Steel
Spar dk

Write lfs



© 2019

Lloyd's Register

GLS2AS-0063(202)