

Awning or Shelter Deck, or Pt. Awning Deck.

STEEL STEAMER.

Port of London Date of completion of Report 8th May 1923 Received at London Office 10/5/23
 Survey held at London Date, First Survey 1st May Last Survey 1st May 1923
 On the (State if Single, Twin, or Triple Screw) Twin Screw WANGARATTA Rig sr

TONNAGE under Tonnage Deck... 1577 CLASS 100 A1 Shelter all with fire FEET. Master
 Do. between Tonnage Dk. and 3rd, 4th, or Awning Dk. 58.0 ✓ Breadth (greatest moulded) 58.0 ✓
 Total under Upper Dk. 1918 Depth, at middle of length from top of keel to top of beams at side of uppermost Continuous Deck 40.0 ✓
 Do. of Poop 98.0 ✓ Deduct height of 'tween deck when this does not exceed 8ft. 8.0 ✓
 Do. of R. Qr. Dk. 90.0 ✓ Transverse Number 90.0 ✓
 Do. of Bridge House 450.0 ✓ Length on deck from fore part of stem to after part of sternpost 450.0 ✓
 Do. of Forecastle 40500 ✓ Longitudinal Number 40500 ✓
 Do. of Houses on Deck 19.42 ✓ Depth "d" at middle of length. See Secs. 2 & 13... 19.42 ✓
 Do. of excess of Hatchways 11.25 ✓ Proportions, Depths to Length, Uppermost Continuous Deck at side to top of keel 11.25 ✓
 Do. above Crown of Engine Room...
 Gross Tonnage 4696 Destined Voyage Glasgow
 Less Crew Space
 Less above Crown of Engine Room...
 Tonnage for Fees...
 Less Engine Room
 Less Navigation Spaces

Register Tonnage as cut on Beam... 4696 If Surveyed while Building, Afloat, or in Dry Dock Yes

LENGTH on Deck as per Rule 450 0 BREADTH Moulded 58 0 DEPTH, ACTUAL—Top of Floors to top of Awn. or Shelter Dk. Beams 37.1 0
 Do. Do. Upper Deck Beams 29 3 No. of Decks with flat laid 3
 Dimensions of Ship per Register, Length 450 breadth 58.5 depth 29.1 Upper Deck. Moulded depth, ft. 40 ins. 0 To Awning or Shelter Dk. Round up of Uppermost Dk. Beam, Actual 12 ins.

FRAMING.				PILLARS.			
FRAME, Angles, or C or L Bars, amidships	Inches in Ship.	Inches in Ship.	Inches in Ship.	PILLARS, in 'tween Deck, size and spacing	Inches in Ship.	Inches in Ship.	Inches in Ship.
Do. in peaks	9	3 1/2	46	" " Hold	as for "Royal Star"		
Do. in way of Double Bottoms at Solid Floors	8	3	40	" " Quarter, 'tween Dks., "	Tubular pillars		
" " " " " " " " " "	3 1/2	3 1/2	44	" " in Hold	made spaced in 'tween deck + hold + girders + deck		
Spacing of Frames from centre to centre amidships	6	6	50	KEELSONS AND STRINGERS.			
" " length to collision bulkhead	36"			CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate			
" " of Frames from centre to centre in peaks	24"			" Rider Plate			
REVERSED FRAME, Angles, on B.A. frames all to 2nd deck	6	3 1/2	46	" Flat Keel Plate Angles			
Do. in way of Double bottoms at Solid Floors	3 1/2	3 1/2	44	" Horizontal Plates on Floors			
" " " " " " " " " "	10"			" Angles or Bulb Angles			
FRAMING, depth of girder				SIDE KEELSONS, Number			
FLOORS, depth and thickness of Floor Plate at mid-line for 3/4 length amidships				" Angles or Bulb Angles			
" in way of Engine and Boiler spaces				" Plate above floors, for length			
" thickness at the ends of vessel				" Intercoastal Plate, for length			
" depth at 1/2 the half-bdth. as per Rule				" Attached to outside plating with Angle			
" height extended at the Bilges				BILGE KEELSON, Angles			
FLOORS, in Cell Double Bottoms				" Intercoastal Plate, for length			
" state if flanged (top and bottom)	No			" Attached to outside plating with Angle			
" spacing of Solid	36"			SIDE STRINGERS, Number			
CENTRE GIRDER, in Dbl. bottom, dpth. & thknss	46 x .60	4.46		" Angle			
" Angles, Top	3 1/2	3 1/2	54	" Intercoastal Plate, for lng.			
" Bottom	5	5	60	" Attached to outside plating with Angle			
" to Floors	6	6	52	Awning or Shelter Deck Stringer Plates, breadth and thickness	66	.60	
" Brackets at intermdt. frmng. width & thknss				" Angle on ditto	6 x 6 x	.66	
SIDE GIRDERS, number and thickness	Two			" Tie Plates, fore and aft, outside Hatchways			
" state if flanged (top & bottom)	No			" Deck * <u>Iron</u> Steel, for full lng.	.60 to .34		
" Angles	3 1/2	3 1/2	44	" Wood Deck, Material & thickness			
MARGIN PLATE (exclusive of flange) and thickness	66			Upper Deck Stringer Plate, breadth and thickness	66	.46	
" Angles to outside plating	4	4	52	" Angles on ditto, No.	3 x 3	.48	
" to <u>from</u> <u>to</u> <u>T.T. Single</u>	6	6	54	" Tie Plates, outside Hatchways	3 1/2 x 3 1/2	.48	
" Brackets at intermdt. frmng. width & thknss				" Deck * <u>Iron</u> Steel, for full lng.	.38 to .32		
" Height of Brackets above at bilge	42"			" Wood Deck, Material & thickness			
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	66 x .52	3.68		Second Deck Stringer Plates, br'dth & thkn's	66 x .42		
" thickness in Engine and Boiler space	E. 52	3.68		" Angles on ditto, No.	3 x 3	.42	
" Remainder in Holds	.52	4.44		" Tie Plates, outside Hatchways	3 1/2 x 3 1/2	.44	
BEAMS, Awning or Shlter Dk, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	9	3 1/2	.50	" Deck * Material and thickness	Steel	.32 to .30	
" Spacing	36			Third, Fourth & Fifth Deck Stringer Plate, breadth and thickness			
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	9	3 1/2	.50	" Angles on ditto, No.			
" Spacing	36			" Tie Plates, outside Hatchways			
BEAMS, Second, Third & Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	10	3 1/2	.48	" Deck, Material and thickness			
" Angles on upper edge				Poop Deck Stringer Plate, breadth & thickness	34 x .40		
" Spacing	36			" Angles on ditto	3 1/2 x 3 1/2	.40	
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel	7	3	.50	" Tie Plates			
" Angles on upper edge				" Deck, Material and thickness	Steel	.30	
" Spacing	27" 24"			Bridge Deck Stringer Plate, br'dth & thickness			
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel				" Angle on ditto			
" Angles on upper edge				" Tie Plates			
" Spacing	24"			" Deck, Material and thickness			
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel	8	3	.50	Forecastle Deck Stringer Plate, br'dth & th'kns	34 x .40		
" Angles on upper edge				" Angle on ditto	3 1/2 x 3 1/2	.40	
" Spacing				" Tie Plates			
				" Deck, Material and thickness	Steel	.30	

WEB FRAMES. WEB-FRAMES, In Fore Body, No. and spacing. No. of Side Stringers. WEB-FRAMES, In E. & B. Space, No. and spacing. WEB-FRAMES, In After Body, No. and spacing. BRACKET PLATES to Stringers between Web Frames, depth and thickness. BULKHEADS. W.T. BULKHEADS. COLLISION PARTITION LONGITUDINAL. PLATING. STRAKES. RIVETING. BUTTS. FRAMES extend in one length from keel to margin lines to gunwale. REVERSED FRAMES on floors and frames extend from middle to hull margin to on BA frames to 2nd deck. MASTS, SPARS, &c. LOWER MASTS. Bowsprit. Topmasts, Yards and Remainder of Spars. Rigging, Material and Size, Shrouds. Sails.

EQUIPMENT No. LETTER C. ANCHORS. Number of Certificate. Anchors. Weight, Ex. Stock. Weight of Stock. Test, per Certificate. Description of Anchor. Makers. Where and when tested and Superintendent. CHAIN CABLES. HAWSERS AND WARPS. Boats. Pumps, Number. Windlass is. Engine Room Skylights. Coal Bunker Openings. Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. Ceiling in Holds, thickness and material. Cargo Hatchways. State size No. 1 Hatch (Forward). Number of Web Plates, Shifting Beams and Fore and Aft. Bulwarks, height above deck and description. Correspondence. Workmanship. Are the butts of plating planed or otherwise fitted? Is the riveted work properly closed? Are the liners between the frames and plates solid single pieces? Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? Are the rivet holes well and sufficiently countersunk in the plate and punched from the facing surfaces? Are the butts of Plating, Stringers, &c., properly shifted and strapped? Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? General Remarks. The workmanship on this vessel has been examined as far as practicable + found good. The scantlings + dimensions given on this 1st entry have been checked as far as possible + found correct. The vessel was built to the 'G' type plans previously approved for the ss 'Royalstar'. The requirements of Section 48 of the rules have been carried out except as shown on form 8. The vessel has been examined in dry dock, the anchors + cables ranged + particulars, as above, obtained. The strengthening of bottom forward, painting arrangements, + pillars + fore + aft girders + attachments + stiffening under pillars examined + found satisfactory. Sister vessels ss 'Royalstar' + ss 'Nowshera'. The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans to be forwarded with P.E. Report showing vessel as built. The amount of Entry Fee. Special Survey Fee. Travelling Expenses, if any. State whether the Vessel has been built under Special Survey. I am of opinion this Vessel should be Classed. With, or without Freeboard, as condition of Class. Committee's Minute. Character assigned. 1000s Subject. Shelter Dr. wph 11-13. S.S. No. 3-5-23. Lumb 5-23. 2019. FRI. 12 MAR 1924. FRI. 23 NOV. FRI. 15 JAN 1926. TUES. 25 NOV 1924. TUES. 4 OCT 1927.

GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 31 ft., R.Q.D. ft., Bridge ft., Forecastle 43 ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated In Shelter dk

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 should appear in the Register Book) 2 Decks Steel • Shelter dk steel Cruiser Stern
Official No. 141910; Signal Letters K.B.R.D. State if Machinery is fitted aft No
How are the surfaces preserved from oxidation? Inside Paint, cement, bitumastic 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. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	138 ✓	425 ✓	Fore peak tank,		120 ✓
Double bottom, under Engines and Boilers,	66 ✓	360 ✓	After peak tank,		70 ✓
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	188 ✓	710 ✓	Other tanks, if fitted,		
	Total capacity of double bottom	1495	(If necessary, furnish further information by sketch.)		

* The wells are not to be included in the lengths of the tanks. 312

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

Order for Special Survey No.

Date

No. in builder's yard.

DATES OF SURVEYS held while building

Surveyor's Signature

Total No. of Visits