

STEEL STEAMER or MOTORSHIP.

Received at London Office

25 MAY 1927

DISCLOSED

SECTION

No. 32306

State if Report has been sent on the Freeboard of the Vessel *Yn*State if Report is sent on the Machinery of the Vessel *Yn*

Date of completion of report

May 24th 1927

Port of

BRISTOL

No.

11896

No. 790

Survey held at

BRISTOL

Date First Survey

Jan 7-1926

Last Survey

May 17th 1927

On the

(State if Machinery fitted Aft and if Single, ~~Double~~ Screw)

SINGLE SCREW STEAMER

PORTWAY

Machinery Aft

State Type

(Full Scantling, Complete Superstructure with or without Tonnage Openings)

Full Scantling

State Type of Erections

Rams placed at

TONNAGE under Tonnage Deck

181.42

CLASS 100 A1 carrying State if with freeboard

FEET.

Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a)

L 122.0

Breadth (greatest moulded)

B 24.0

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c)

D 10.75

1st Longitudinal Number (L x D)

= 1311.5

2nd Numeral L x (B + D)

= 4239.5

Framing Depth "d," at middle of length. See Sec. 3 (1d)

9.25

Proportions—Depth to Length—Uppermost continuous deck to top of keel

11.35

Draught Moulded

(9' 9")

Built at

Bristol

Launched

Nov 17th 1914 Yard No. 159

Builders

Charles H. Williams Ltd

Owners

Holmes & Lindsell Ltd

Managers

J. R. Brown & Co

Residence

The Grove Bristol

Port of Registry

Bristol

If surveyed while building, afloat, or in dry dock

Building & afloat

Do. of space or spaces between Tonnage Dk. and Upper Dk.

Total

181.42

Gross Tonnage

288.73

Register Tonnage

107.31

REGISTERED DIMENSIONS.

FEET.

Length

122.0

Breadth

24.2

Depth

9.1

FRAMES, DOUBLE BOTTOM AND BEAMS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships	21		Bracket Floors, Frame	1 1/2 x 3 x 30	
" " from 1/2 length to Collision bulkhead	21		" " Reversed Frame	5 1/2 x 7 x 36	
" " in peaks	21		" " Vertical Struts		
SIDE FRAMING.			Centre Girder, depth and thickness amidships	2'0 x 32	
Frame Amidships, Angle, <i>E or F</i>	6 x 3 x 35		" " top Angles	5 x 5 x 35	
" " Extends up to <i>Upper Dk.</i>			" " bottom Angles	5 x 5 x 35	
Reversed Frame Amidships, Angle	3 1/2 x 3 1/2 x 3		Side Girders, No. each side and thickness	<i>Hopper side</i> 30	
" " Extends up to <i>Lower Dk.</i>			Margin Plate depth (excl. of flange) and thickness		
Depth of Framing Girder	3 1/2 x 3 1/2 x 3		" " Vertical Angle to Tank side		
Frames in Uppermost Continuous 'tween Decks, Angle, <i>[or [</i>			Bracket abaft 1/2 len. from stem		
" " Second 'tween Decks, Angle, <i>[or [</i>			" " Vertical Angle to Tank side		
" " Third " " " "			Bracket forward 1/2 len. from stem		
Framing in Peaks, Angle <i>or F</i>	4 x 2 1/2 x 28		Gussets, spacing and scantling abaft 1/2 len. from stem		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	5/8 4 1/2 x 2 1/2		Gussets, spacing and scantling forward 1/2 len. from stem		
State if Frame Joggled	<i>Yn</i>		Tank Side Brackets, height above base line at toe of Frame and thickness		
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	<i>Angle piling & heavy B.A. frame</i>		INNER BOTTOM PLATING.		
STRENGTHENING OF BOTTOM FORWARD. State Particulars	<i>Heavy Keelson & double frame fore 1/2 length</i>		Breadth and thickness of Middle Line Strake	<i>all 36</i>	
SINGLE BOTTOM.			Thickness of remainder in Holds	<i>Yn</i>	
Floors, Depth and thickness at mid-line in Holds	12 x 30		Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & B. space and framing in Bunkers and Boiler Room?	<i>Yn</i>	
Height of Brackets at side above base line at toe of frame			BEAMS.		
Middle Line Keelson, on Floors, Angles, <i>[or [</i>	<i>coaming 3/4 plating 26</i>		Uppermost Continuous Deck, amidships in <i>Way</i> , Angle, <i>E or F</i>	3 1/2 x 2 1/2 x 30	
" " Through Plate or Intercoastal Plate			" " in way of Bridge, Angle, <i>[or [</i>		
" " Foundation Plate on Floors			Spacing	21	
" " Flat Plate Keel Angles			Second Deck, amidships, Angle, <i>[or [</i>		
Side Keelsons, No. each side	<i>one</i>		Spacing		
" " thickness of Intercoastal Plate	28 flange		Third Deck, amidships, Angle, <i>[or [</i>		
" " Angles	4 x 3 x 28		Spacing		
DOUBLE BOTTOM.			Fourth Deck, amidships, Angle, <i>[or [</i>		
Solid Floors, thickness and spacing	28 every 3rd frame		Spacing		
" " Are Frame and Reversed Frame joggled?	<i>Yn</i>		Bridge Deck, Angle, <i>[or [</i>		
Bracket Floors, breadth and thickness at middle line	3 1/2 x 2 1/2 x 30		Spacing		
" " breadth and thickness at margin plate	2 1/2 x 2 1/2 x 30		Forecastle Deck, Angle, <i>E or F</i>	6 x 3 x 50	
	<i>hopper side</i>		Spacing	4 1/2 x 2 1/2 x 28	

PILLARS AND DECKS.

		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.			INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
SECOND DECK.				Stringer Plate, breadth and thickness in way of Bridge			
in 'tween Decks, Size and Spacing.....				Thickness of Plating abreast Deck openings in way of Wells.....			
" " " " " "				Thickness of Plating abreast Deck openings in way of Bridge.....			
" " " " " "				Thickness of Plating within line of openings...			
" " " " " "				If Sheathed, material and thickness.....			
Centre Line Bulkhead.				Third Deck.			
Stiffeners and Spacing.....				Stringer Plate, breadth and thickness.....			
Plating, thickness of				If Plated, state thickness.....			
STRINGERS AND DECKS.				Fourth Deck.			
Uppermost Continuous Deck.				Stringer Plate, breadth and thickness.....			
Stringer Plate, breadth and thickness in Wells.....				If Plated, state thickness.....			
" " " " " " in way of Bridge.....				Poop Deck.			
" " " " " " Angle in Wells.....				Stringer Plate, breadth and thickness.....			
Thickness of Plating abreast Deck openings in way of Wells.....				Plating, Sheathing, material and thickness			
Thickness of Plating abreast Deck openings in way of Bridge.....				Bridge Deck.			
Thickness of Plating within line of openings...				Stringer Plate, breadth and thickness.....			
If Sheathed, material and thickness				Plating, Sheathing, material and thickness			
Second Deck.				Forecastle Deck.			
Stringer Plate, breadth and thickness in Wells...				Stringer Plate, breadth and thickness.....			
				Plating, Sheathing, material and thickness			

SHELL PLATING.

[illegible]

WATERIGHT BULKHEADS

Total No. of W.T. BULKHEADS in Vessel—		Three	
Extending to Upper Deck (Sec. 3 c)		Three	
Deck next below		Three	
As per Rule		Three	

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper tween decks					
" " Second "					
" " Third "					
" " Holds					
COLLISION " (in Hold)					
AFTER PEAK " "					

Handwritten notes on table:

- Under "Holds": 26 6x3x48 21"
- Under "COLLISION": 30 5 1/2 x 3 x 40 2 1/2"
- Under "AFTER PEAK": 30 6 x 3 x 48 2 1/2" 6 x 3 x 48

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	<i>None</i>			
STEM	<i>Forging</i>	<i>6" x 4" x 15' 6"</i>		
STERN FRAME {	Propeller Post	<i>5 1/2" x 2 1/2"</i>	<i>16' 6"</i>	
	Rudder "	<i>5 1/2" x 2 1/2"</i>	<i>-</i>	
RUDDER—A x D		<i>63.64</i>		
Speed of Vessel		<i>1 Knot</i>		
RUDDER mainpiece at head ...	<i>Forging</i>	<i>4"</i>	<i>-</i>	
" " heel ...		<i>3"</i>	<i>-</i>	
" how constructed		<i>iron at each end</i>		
" double or single plate		<i>80</i>		
" coupling, vertical or horizontal		<i>None</i>		

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)

Has the Steel been tested as required by the Rules?

GENERAL REMARKS—(The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans showing Vessel as built should be forwarded and a List of the Plans should be embodied.)

List of plans forwarded.

Master's sketch
Bulkheads
Profile
Riveting
Hopper side plating
Rudder & stern frame
Profile & deck
Quadrant & Teller
Shell expansion
Pumping arrangement

The proposal contained in my letter of Feb 5th approved Feb 7th with reference to the additional water ballast has not been carried out

Particulars of Drop Test of Cast Steel Anchors, viz.:—
Weight, Surveyor's Initials, Number of Certificate, Date of Test.

1st Bower

2nd "

3rd "

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. 40.5 ft., Bridge ☒ ft., Forecastle 18.25 ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated

No. and Material of Decks (this information is to be given as it should appear in the Register Book) One and steel

Official No. 148207; Signal Letters

Is bottom of Vessel coated with cement ☒ or ☒ only if not give

particulars of composition other parts oil

PARTICULARS OF WATER BALLAST.—

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,	17.0	41
Double bottom, under Engines and Boilers,			After peak tank,	7.0	20.
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,			Other tanks, if fitted,		
Total capacity of double bottom			(If necessary, furnish further information by sketch.)		

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

Order for Special Survey No. 6

Date Jan 26. 1926

Dates of Surveys held while building

1926. Jan 7. Mar 5. 10. 17. 24. 30. Apr 8. 13. 19. 23. 29. May 12. 26. 28.
June 2. 8. 15. 17. 21. 24. 29. July 1. 5. 6. 12. 22. 27. 28. Aug 6. 7. 11. 12.
18. 28. Sept. 7. 13. 22. Oct. 6. 7. 12. 15. 28. Nov. 16. 17. 30. Dec 7. 14. 16. 18. 21.
22. 23. 24. 29. Jan 2. 4. 5. 11. 12. 17. 18. 19. Feb 3. Mar 7. 26. 28. Apr 20.
May 14. 17

Total No. of Visits 70.