

STEEL STEAMER or MOTORSHIP.

WRECK BOX
No. 51 Bottom

Received at London Office 27 OCT 1924

State if Report has been sent on the Freeboard of the Vessel Yes (No. 12103)

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

of completion of report 20th October 1924 Port of Middlesbrough No. 12128

held at Haverton Hill - m - Lees Date First Survey 16th May 1924 Last Survey 16th October 1924

he (State if Machinery fitted Aft and if Single, Twin or Triple Screw) Single Screw S.S. John Harrison

he Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) Full Scantling State Type of Erections Raise Quarter Deck and Forecastle

NAGE under 1141.14 CLASS +100 A1 State if with freeboard as condition of Class no Built at Haverton Hill - m - Lees

Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) L 245 Launched 29th Sep 1924 Yard No. 74

Breadth (greatest moulded) B 38.5 Builders Turner Shipbuilding Coy.

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D = 21.75 Owners H. Harrison (Shipping) Ltd

1st Longitudinal Number (L x D) = 4288 Managers ✓

2nd Numeral L x (B + D) = 13720 (Where necessary to be entered in Reg. Book.)

Framing Depth "d," at middle of length. See Sec. 3 (1d) 14.3 Residence London

Proportions—Depth to Length—Uppermost continuous deck to top of keel 18.55 Port of Registry London

Do. Long Bridge to top of keel 14.0

Draught Moulded 16.5 ✓ surveyed while building, afloat, or in dry dock Yes

ss Tonnage 1549.79

ister Tonnage 910.73

REGISTERED DIMENSIONS. FEET.

Length 245.4

Breadth 38.65

Draught 16.5

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	<u>27</u>		Bracket Floors, Frame		
" " from $\frac{1}{2}$ length to Collision bulkhead	<u>27</u>		" " Reversed Frame		
" " in peaks	<u>24</u>		" " Vertical Struts		
FRAME FRAMING.			Centre Girder, depth and thickness amidships	<u>33 x 42</u>	
Frame Amidships, <u>Angle 4 x 4</u>	<u>9 3 38</u>		" " top Angles	<u>3 3 42</u>	
" " Extends up to	<u>R.Q.D.</u>		" " bottom Angles	<u>34 34 42</u>	
Reversed Frame Amidships, Angle	<u>✓</u>		Side Girders, No. each side and thickness	<u>one 32</u>	
" " Extends up to	<u>✓</u>		Margin Plate depth (excl. of flange) and thickness	<u>Level 36</u>	
Depth of Framing Girder	<u>✓</u>		" " Angle to Tank side	<u>3 3 32</u>	
Frames in Uppermost Continuous 'tween Decks, Angle, [or]	<u>✓</u>		" " Bracket abaft $\frac{1}{2}$ len. from stem	<u>5 5 36</u>	
" " Second 'tween Decks, Angle, [or]	<u>✓</u>		" " Angle to Tank side	<u>5 5 36</u>	
" " Third " " "	<u>✓</u>		" " Bracket forward $\frac{1}{2}$ len. from stem	<u>✓</u>	
Framing in Peaks, Angle [<u>54 3 30</u>		" " Gussets, spacing and scantling abaft $\frac{1}{2}$ len. from stem	<u>✓</u>	
Diameter and Spacing of Rivets through Shell Plating	<u>3/4 5 1/2</u>		" " Gussets, spacing and scantling forward $\frac{1}{2}$ len. from stem	<u>✓</u>	
State if Frame Joggled	<u>No.</u>		Tank Side Brackets, height above base line at toe of Frame and thickness	<u>582 x 34</u>	
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	<u>Bracing with Joggled 10 31 and 2 side stringers fitted.</u>		INNER BOTTOM PLATING.		
STRENGTHENING OF BOTTOM FORWARD. State Particulars	<u>5 x 5 x 36 frames in 75L 1/2 11 1/2 12' 0" in 66-93 Full 11' 8' 0" 1493 1/2 11' 93-98 1/2 11' 4' 0" 885 103</u>		Breadth and thickness of Middle Line Strake	<u>50 x 52</u>	
SINGLE BOTTOM.			Thickness of remainder in Holds	<u>52/50</u>	
Floors, Depth and thickness at mid-line in Holds			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?	<u>No.</u>	
Height of Brackets at side above base line at toe of frame			BEAMS.		
Middle Line Keelson, on Floors, Angles, [or]			Uppermost Continuous Deck, amidships in Wells, Angle, [or]	<u>Longitudinal</u>	
" " Through Plate or Intercoastal Plate			" " in way of Bridge, Angle, [or]	<u>9 3 30</u>	
" " Foundation Plate on Floors			Spacing	<u>27 + 24</u>	
" " Flat Plate Keel Angles			TANK		
Side Keelsons, No. each side			Second Deck, amidships, Angle, [or]	<u>6 3 32</u>	
thickness of Intercoastal Plate			Spacing	<u>27</u>	
Angles			Third Deck, amidships, Angle, [or]		
Spacing			Spacing		
DOUBLE BOTTOM.			Fourth Deck, amidships, Angle, [or]		
Solid Floors, thickness and spacing	<u>32 6' 4"</u>		Spacing		
" " Are Frame and Reversed Frame joggled?	<u>Neither.</u>		Poop Deck, Angle, [or]		
Bracket Floors, breadth and thickness at middle line	<u>✓</u>		Spacing		
" " breadth and thickness at margin plate	<u>4' 0" + 2' 9" x 32</u>		Bridge Deck, Angle, [or]		
			Spacing		
			Forecastle Deck, Angle, [or]	<u>54 3 30</u>	
			Spacing	<u>27 + 24</u>	

PILLARS AND DECKS.

		INCHES IN SHIP.		Any Departure from Approved Plans to be Noted.	
PILLARS, No. of Rows.....		<i>Deep Brackets. in line ✓</i>			
<i>in/circle</i> " in/tween Decks, Size and Spacing.....		<i>one row 25' in masts ✓</i>			
" " " " "				Stringer Plate, breadth and thickness in way of Bridge	
" " " " "				Thickness of Plating abreast Deck openings in way of Wells	
" " " " "				Thickness of Plating abreast Deck openings in way of Bridge	
" in Holds " "				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.....	
<i>Upper Deck</i> Stringer Plate, breadth and thickness in Wells		<i>78 x .96/.34 ✓</i>		If Plated, state thickness	
<i>R.A. Deck</i> " " " " in way of Bridge		<i>78 .46 ✓</i>		Poop Deck.	
" Angle in Wells		<i>5 5 64 ✓</i>		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.	
If Sheathed, material and thickness		✓		Stringer Plate, breadth and thickness.....	
Second Deck.				Plating, Sheathing, material and thickness	
Stringer Plate, breadth and thickness in Wells...				Forecastle Deck.	
				Stringer Plate, breadth and thickness.....	
				Plating, Sheathing, material and thickness ...	

SHELL PLATING.

SCANTLINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged?	RIVETS.		No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.	
	Breadth.	Thickness.	Thickness.	Thickness.			SINGLE OR DOUBLE.	Diam. Inches.		Spacing cr. to cr. Inches.	Diam. Inches.		Spacing cr. to cr. Inches.
	Inches.	Inches.	Inches.	Inches.									
FLAT PLATE KEEL	41	.53	49	49		Double	3/4	3"	3	3/4	2 5/8	one each end Single Remainder Lapped	
" DBLG. (if any)	✓	✓	✓	✓									
BOTTOM PLATING, No. of Strakes	3	.45	47/45	43/42		Double	3/4	"	3 + 2	"	"	Lapped	
BILGE PLATING, No. of Strakes	1	.47	39	43		Double + Single	"	"	do	"	"	"	
SIDE PLATING, No. of Strakes	2	.47	39	43/39		Single	"	"	do	"	"	"	
UPPER DECK, Sheer- strake in Well74 @ Break	56/39			Double	"	"	4 + 2	"	"	"	
R.A.D. UPPER DECK, Sheer- strake in Bridge ...	54	.53		39		Double	"	"	4 + 2	"	"	"	
STRAKE BELOW Sheer- strake in Wells47	39			Double + Single	"	"	3 + 2	"	"	"	
220 STRAKE BELOW Sheer- strake in Bridge ...	62 1/4	.47	39	39		Double + Single	"	"	3 + 2	"	"	"	
POOP SIDE PLATING			✓										
BRIDGE SIDE PLATING ...			✓										
FOREC'TLE SIDE PLATING			36/33			Single	3/4	3"	1	"	2 5/8	Lapped	

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—
 Extending to Upper ^{and R.A.O.} Deck (Sec. 3 c) 4.
 „ Deck next below 1 to Tank 54 aft.
 As per Rule 4. ✓

FORGINGS and CASTINGS.

	<u>Casting or Forging.</u>	<u>Scantlings.</u>	<u>Maker's Name.</u>	<u>Any departure from approved plans to be noted.</u>
KEEL, Bar	✓	✓	✓	✓
STEM	Roller Bars.	7 x 1 7/8	bolts.	
STERN FRAME {	Propeller Post	Scrap Steel	6 3/4 x 5 1/4	Fineman Walker
	Rudder "	Forging	6 x 5 1/4	Thompson.
RUDDER—A x D	142.59			
Speed of Vessel	under 10 knots			
RUDDER mainpiece at head ...	Scrap Steel	5 3/4	Fineman Walker	
" " heel ...	"	4 1/2	Thompson.	
" how constructed	Forged & built.			
" double or single plate	single	90		
" coupling, vertical or horizontal	Horizontal			

STEEL.

			STIFFENERS.			
		Plating Thickness.	VERTICAL		HORIZONTAL	
			Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD,	Tween decks...					
" "	" "	" "				
" "	" "	" "				
" "	" "	" "				
" "	" "	" "				
" "	" "	" "				
" "	" "	" "				
" "	" "	" "				
" "	" "	" "				
" "	Holds	(in Hold)				
COLLISION						
AFTER PEAK						

Dec Katak Sides
and Bulk Head
2x30-9x30x405
W.T Slot and
6x3x385

STEEL.

Manufacturer's name or trade mark of the Steel used in the construction of the Vessel (state process of manufacture) *open hearth. South Durham St. Works*
Barnsley & Donkey Co. Leamington Steel Co. Bolton & Sons. Skinnington Iron Co. Steel City Scotland

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

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.)

are framed on the Longitudinal System.

It is requested that the approved plans be returned to this office when finished with for dealing with the sister vessel S. S. "Vale of Pickering" (Furness Ship? Gays No. 75).

W687-0/22 (S13)

PARTICULARS OF LONGITUDINAL FRAMING.

FRAMING.		AMIDSHIPS.			ENDS.			AMIDSHIPS.			ENDS.			RIVETING.					
		In Ship.			In Ship.			Per Rule or as approved.			Per Rule or as approved.			Rivets in Longitudinal Frames.		Spacing of Rivets on each side of Transverses and Bulkheads.		Rivets in Brackets to Bulkheads.	
		Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Diam.	Spang.	Inches.	Number.	Diameter.
Framing of L, L or C																			
Frames in Bridge 'tween Decks ...																			
Frames from Uppermost Continuous Deck																			
No. 1																			
" 2																			
" 3																			
" 4																			
" 5																			
" 6																			
" 7																			
" 8																			
" 9																			
" 10																			
" 11																			
" 12																			
" 13																			
" 14																			
" 15																			
" 16																			
Framing from Awning, Shelter or Upper Deck to Margin Plate.																			
Spacing of Longitudinal Frames																			
Amidships																			
At Ends																			
Double Bottoms																			
Tank Top Longitudinals																			
Bottom																			
Spacing of Longitudinals																			
Amidships																			
At Ends																			
Transverses.																			
In Bridge																			
'tween Decks																			
In Awning, Shelter or Upper 'tween Decks.																			
In Hold.																			
Spacing of Transverse Frames																			
State if jagged or liners.																			
Longitudinal Beams of																			
Upper																			
Second																			
Third																			

The particulars of framing in peaks (if ordinary), Floors, Centre Girder, Side Girders and Margin Plate and their angle attachments, etc., to be entered in their respective places provided for on the Report Forms.

NOTE:—This slip to be pasted on the fourth page of the Report, and reference to same to be made under framing, etc., on the first page.

5c8,12.—T.

	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,	38'-3"	108	Fore peak tank,		
Double bottom, under Engines and Boilers,	29'-25"	63	After peak tank,		
Double bottom, if under Engines only,	✓	✓	Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	101'-15"	153	Other tanks, if fitted,		
	Total capacity of double bottom	444	(If necessary, furnish further information by sketch.)		

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

*Length.	Water Cap.
Feet.	Tons.
14.0	55
6.0	4
33.75	19

Order for Special Survey No. 1396

Date 21. 5. 24

Dates of Surveys held while building

1924 May. 16. 22. 23. June 2. 12. 20. July 1. 9. 11. 17. 18. 23 Aug. 5. 6. 8. 11. 12. 14. 15. 25. 26. 27. 28. Sept. 1. 3. 4. 5. 9. 12. 14. 23. 24. 25. 26. 27. 29. 30 Oct. 2. 3. 6. 7. 8. 9. 14. 15. 16.

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

1st Bower	17-2-18	W.M.	5455	30 th April 1924
2nd "	17-2-12	C.B.	5498	16 th May 1924
3rd "	15-2-2	C.B.	5680	30 th May 1924

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. 187.5 ft., Bridge ☒ ft., Forecastle 24.0 (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated

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

Official No. 148495; Signal Letters

If bottom of Vessel has been coated Inside ☒

particulars of composition Cement & Silica Cement washed. Cement under Boilers.

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	38.3	108	Fore peak tank,	14.0	55
Double bottom, under Engines and Boilers,	29.25	63	After peak tank;	6.0	4
Double bottom, if under Engines only,	✓	—	Deep tank, aft,	33.75	190
Double bottom, if under Boilers only,	✓	—	Deep tank, forward,	✓	✓
Double bottom, forward,	101.25	253	Other tanks, if fitted,	✓	✓
Total capacity of double bottom		444	(If necessary, furnish further information by sketch.)		

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

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