

STEEL STEAMER or MOTORSHIP.

Received at London Office 13 NOV 1925

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

Date of completion of report

11th November 1925. Port of

NEWCASTLE-ON-TYNE

No. 79788.

Survey held at

South Shields

Date First Survey

30th March 1925

Last Survey

5th Nov.

1925

On the

(State of Machinery fitted At and

St. Sc. Sr. "EASTVILLE"

State Type

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

Full Scantling

State Type of Erections

P. B. & Fels

TONNAGE under

34/3.73

CLASS +100. A1.

State if with freeboard as condition of Class

FEET.

Built at

South Shields

Launched

1/10/25.

Yard No.

481.

Builders

John Readhead & Son Ltd.

Owners

Ball & Stanfield Ltd.

Managers

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

Residence

Newcastle

Port of Registry

Newcastle

If surveyed while building, afloat, or in dry dock

Yes.

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

Total

Gross Tonnage

3709.34

Register Tonnage

2282.18

REGISTERED DIMENSIONS.
FEET.

Length

347.0

Breadth

49.1

Depth

25.1

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

L 347.00

Breadth (greatest moulded)

B 48.79

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

D 26.70

1st Longitudinal Number (L x D)

= 9264

2nd Numeral L x (B + D)

= 26195

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

23.41

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

12.90

Do. Long Bridge to top of keel

10.30

Draught Moulded

22'-0 5/8"

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	28"		Bracket Floors, Frame	B. a. 8" 3 1/2" 44"	
" " from 1/2 length to Collision bulkhead	28"		" " Reversed Frame	Ba 7 1/2" 3" 44"	
" " in peaks	26"		" " Vertical Struts	Ba 7 1/2" 3" 44"	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	39 1/2" x 49"	
Frame Amidships, Angle, E or F	12" 3 1/2" 42"	N.B.S. as appd.	" " top Angles	5" 5" 47"	
" " Extends up to	upper deck		" " bottom Angles	6" 6" 53"	
Reversed Frame Amidships, Angle, in	5 1/2" 3" 46"		Side Girders, No. each side and thickness	one 36"	
" " Extends up to	upper dk		Margin Plate depth (excl. of flange) and thickness	33" x 45"	
Depth of Framing Girder	13"	in Pantiy area	" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	3 1/2" 3 1/2" 37" full d.	
Frames in Uppermost Continuous 'tween Decks, Angle, E or F	6" 3 1/2" 37"		" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem	6" 6" 37" D or	
" " Second 'tween Decks, Angle, E or F			" " Gussets, spacing and scantling abaft 1/2 len. from stem	none	
" " Third " " " "			" " Gussets, spacing and scantling forward 1/2 len. from stem	none	
Framing in Peaks, Angle, E or F	7" 3" 38"		Tank Side Brackets, height above base line at toe of Frame and thickness	59" x 43"	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	7/8" @ 6"		INNER BOTTOM PLATING.		
State if Frame Joggled	Yes		Breadth and thickness of Middle Line Strake	70" x 46"	
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	Deck framing & side struts as appd.		Thickness of remainder in Holds	40 - 36"	
STRENGTHENING OF BOTTOM FORWARD. State Particulars	Frame bottom & shell inverts additional girders as appd.		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?	Yes	
SINGLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds			Uppermost Continuous Deck, amidships in Wells, Angle, E or F	9 1/2" 3 1/2" 54"	
Height of Brackets at side above base line at toe of frame			" " in way of Bridge, Angle, E or F	9" 3" 48"	
Middle Line Keelson, on Floors, Angles, E or F			Spacing	28" x 26"	
" " Through Plate or Intercoastal Plate			Second Deck, amidships, Angle, E or F		
" " Foundation Plate on Floors			Spacing		
" " Flat Plate Keel Angles			Third Deck, amidships, Angle, E or F		
Side Keelsons, No. each side			Spacing		
" " thickness of Intercoastal Plate			Fourth Deck, amidships, Angle, E or F		
" " Angles			Spacing		
DOUBLE BOTTOM.			Poop Deck, Angle, E or F	6 1/2" 3" 34"	
Solid Floors, thickness and spacing	36" x 54" as appd.		Spacing	28" x 26"	
" " Are Frame and Reversed Frame joggled?	Yes		Bridge Deck, Angle, E or F	8" 3" 37"	
Bracket Floors, breadth and thickness at middle line	36" x 36"		Spacing	28"	
" " breadth and thickness at margin plate	39" x 36"		Forecastle Deck, Angle, E or F	7 1/2" 3" 44"	
			Spacing	28" x 26"	

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.
PILLARS, No. of Rows.....	<i>one</i>			Stringer Plate, breadth and thickness in way of Bridge			
" in 'tween Decks, Size and Spacing.....	<i>2 1/4 x 56 5</i>			Thickness of Plating abreast Deck openings in way of Wells			
" " " " " "	<i>as approved</i>			Thickness of Plating abreast Deck openings in way of Bridge			
" in Holds " "	<i>C.L. Bhd</i>			Thickness of Plating within line of openings...			
" " " " " "	<i>as appd</i>			If Sheathed, material and thickness			
Centre Line Bulkhead.				Third Deck.			
Stiffeners and Spacing.....	<i>B. A. 11 x 3 1/2 x 50</i>			Stringer Plate, breadth and thickness.....			
Plating, thickness of	<i>@ 56" as appd</i>			If Plated, state thickness.....			
STRINGERS AND DECKS.				Fourth Deck.			
Uppermost Continuous Deck.				Stringer Plate, breadth and thickness.....			
Stringer Plate, breadth and thickness in Wells	<i>52" x 71" as appd</i>			If Plated, state thickness			
" " " " in way of Bridge	<i>52" x 38"</i>			Poop Deck.			
" Angle in Wells	<i>6 x 6 x 71" as appd</i>			Stringer Plate, breadth and thickness	<i>32 1/2" x 33"</i>		
Thickness of Plating abreast Deck openings in way of Wells	<i>63</i>			Plating, Sheathing, material and thickness	<i>26" steel sheathed over oak</i>		
Thickness of Plating abreast Deck openings in way of Bridge	<i>32</i>			Bridge Deck.			
Thickness of Plating within line of openings...	<i>39 - 32</i>			Stringer Plate, breadth and thickness.....	<i>52" x 37"</i>		
If Sheathed, material and thickness	<i>as appd</i>			Plating, Sheathing, material and thickness	<i>37" steel</i>		
Second Deck.				Forecastle Deck.			
Stringer Plate, breadth and thickness in Wells...	<i>20</i>			Stringer Plate, breadth and thickness.....	<i>32 1/2" x 33"</i>		
				Plating, Sheathing, material and thickness	<i>32" steel</i>		

SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if jogged? <i>no.</i>			BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.		No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.			Diam.	Spacing cr. to cr.		Diam.	Spacing cr. to cr.	
	Inches.	Inches.	Inches.	Inches.			Inches.	Inches.		Inches.	Inches.	
FLAT PLATE KEEL	<i>64"</i>	<i>68"</i>	<i>63"</i>	<i>63"</i>		<i>2 Rows</i>	<i>7/8"</i>	<i>3 1/2"</i>	<i>3 Rows</i>	<i>7/8"</i>	<i>3 1/2"</i>	<i>lapped</i>
„ DBLG. (if any)	<i>none</i>											
BOTTOM PLATING, No. of Strakes	<i>71</i>	<i>57"</i>	<i>57"</i>	<i>46"</i>		<i>2 Rows</i>	<i>7/8"</i>	<i>3 1/2"</i>	-	<i>7/8"</i>	<i>3 1/2"</i>	<i>lapped</i>
BILGE PLATING, No. of Strakes	<i>50 1/2</i>	<i>57"</i>	<i>46"</i>	<i>46"</i>		-	-	-	-	-	-	-
SIDE PLATING, No. of Strakes	<i>71</i>	<i>57"</i>	<i>44"</i>	<i>44"</i>		-	-	-	-	-	-	-
UPPER DECK, Sheer-strake in Wells.....	<i>70"</i>	<i>74"</i>	<i>44"</i>	<i>44"</i>		-	<i>1"</i>	<i>4"</i>	<i>4 to 3 Rows</i>	<i>7/8"</i>	<i>3 1/2 to 3 1/2"</i>	-
UPPER DECK, Sheer-strake in Bridge ...	<i>70"</i>	<i>57"</i>				-	<i>7/8"</i>	<i>3 1/2"</i>	<i>3 Rows</i>	-	<i>3 1/2"</i>	-
STRAKE BELOW Sheer-strake in Wells.....	<i>7 1/2"</i>	<i>65"</i>	<i>44"</i>	<i>44"</i>		-	-	-	<i>4 to 3 Rows</i>	-	<i>3 1/2 to 3 1/2"</i>	-
STRAKE BELOW Sheer-strake in Bridge ...		<i>57"</i>				-	-	-	<i>3 Rows</i>	-	<i>3 1/2"</i>	-
POOP SIDE PLATING				<i>36"</i>		<i>1 Row</i>	<i>3/4"</i>	<i>2 5/8 to 3"</i>	<i>1 Row</i>	<i>3/4"</i>	<i>2 5/8"</i>	-
BRIDGE SIDE PLATING ...	<i>52"</i>	<i>53"</i>				<i>2 Rows</i>	<i>7/8"</i>	<i>3 1/2"</i>	<i>4 Rows</i>	<i>7/8"</i>	<i>3 1/2"</i>	-
FORECASTLE SIDE PLATING			<i>39"</i>			<i>1 Row</i>	<i>3/4"</i>	<i>2 5/8 to 3"</i>	<i>1 Row</i>	<i>3/4"</i>	<i>2 5/8"</i>	-

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	<i>Six</i>
Extending to Upper Deck (Sec. 3 c)	<i>Single Deck Steamer</i>
" Deck next below	<i>6</i>
As per Rule	<i>6</i>

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD, Upper two decks	<i>39 - 28</i>	<i>12. 3 1/2</i>	<i>44 x 30"</i>		
" " Second Deck	<i>40 - 28</i>	<i>12. 3 1/2</i>	<i>50 x 30"</i>		
" " Third Deck	<i>38 - 26</i>	<i>11. 3 1/2</i>	<i>48 x 30"</i>		
" " Holds	<i>44 - 26</i>	<i>11. 3 1/2</i>	<i>48 x 30"</i>		
COLLISION (in Hold)	<i>48 - 26</i>	<i>10. 3 1/2</i>	<i>50 x 24"</i>		
AFTER PEAK	<i>46 - 30</i>	<i>8. 3</i>	<i>40 x 24"</i>		

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	<i>Flat Plate Keel</i>			
STEM	<i>Roller</i>	<i>8 1/2 x 2 1/2"</i>	<i>Hickman & Co</i>	
STERN FRAME { Propeller Post	<i>Cast</i>	<i>9 1/2 x 7</i>	<i>Darlington Forge</i>	
{ Rudder	<i>Steel</i>	<i>8 1/2 x 7</i>		
RUDDER—A x D		<i>389</i>	<i>do</i>	
Speed of Vessel		<i>under 10 k.</i>		
RUDDER mainpiece at head ...	<i>Forging</i>	<i>9</i>		
" " heel ...		<i>6 3/4</i>		
" how constructed	<i>Shrunk on Arms</i>			
" double or single plate coupling, vertical or horizontal.....	<i>Single plate 10</i>			

STEEL.

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

South Durham; Dorman Long; Bolckers Vaughan, Cargo Flat.

Has the Steel been tested as required by the Rules?

Yes.

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EQUIPMENT No. 27294.												LETTER " V. "		ANCHORS.	
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.				WEIGHT REQUIRED BY TABLE 53.	Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.				
28995	1st Bower ...	48	3	0.				41	13	1	21	45-0-0.	Stockless		S'land. 25/7/25. J.H.B.
29000	2nd " ...	48	1	14				41	7	0	21		- Byers		" 28/7/25 -
29024	3rd " ...	42	0	0				37	2	2	0	139	-		" "
	Collective weight.	139	0	14.								128-0-0			
29005.	Stream	13	2	7	3	2	0.	15	5	3	21	12-0-0.	Rodgers.		29/7/25
59019	Range	6	0	14.	1	2	4.	8	7	2	0	-	ordnamy.	Taylor.	Tp: 22/4/25. WAB
CHAIN CABLES.												HAWSERS AND WARPS.			

CHAIN CABLES.

HAWSERS AND WARPS.

Number of Certificate.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.				Length and size per Table 53.		Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and size supplied.		Breaking Test of Steel Wire.	Length and size per Table 53.	
	Length.	Diam.	Statu-tory.	Break-ing.	Supplied.	Per Rule.			Length.	Diam.					Length.	Cir.		Length.	Cir.
14750.	270	2	72	100%	538.3.14	538.3.0			270.	2.	Steel	Taylor & Co.	S'land. 29/7/25. J.H.B.	TOWLINE	120	4.	33.	120	4.
														HAWSERS & WARPS	1.90	3.	18.	2.90	9.25
														"	4.90	7.		2.90	"
														"	2.45	8.			
Iron Stream Chain or Steel Wire	90	4 1/2		39.					90.	4 1/2	G.S. wire	Brunton							

Steering Gear, Steam *Dunkin & Co. 7 1/2 x 7 1/2.* Steering Gear, Hand *Westmor Engineering Co.*

Boats *2 @ 25-0 x 8-0 x 3-3*
1 @ 18-0 x 5-8 x 2-2. Steering Chains, Size and Test *14" dia wire to 18 tons 150.* Windlass *Summerson Walker*

Ceiling in Holds, thickness and material *2 1/2 W.W. all over* Cargo Battens, thickness, material and spacing *6 x 2 W.W. x 9" apart.*

Cargo Hatchways.-(Upper Deck) *Iron & 1/2 cross Bunker.* Thickness of Hatches *2 1/2 W.W.*

Size of No. 1 Hatchway (Forward) *25-8 x 17-1 1/2* No. 2 *27-9 x 17-1 1/2* No. 3 *28' x 17-1 1/2* No. 4 *25-8 x 17-1 1/2* No. 5 No. 6

Number of Shifting Beams and/or Fore and Afters *Four.*

FOR JOHN READHEAD & SONS, LIMITED.

Builder's Signature

DIRECTOR.

GENERAL DECLARATION

This vessel has been built in accordance with approved plans, instructions & rules.
The material & workmanship are good. The keelboard has been verified marks cut in on the vessels side.
All double bottom & peak tanks, weather decks, bulkheads & tunnel have been tested as required by rules & found satisfactory.

The amount of Entry Fee £ *7. 0. 0.*
Keelboard. 9. 0. 0.
 Special Survey Fee.... £260: *9 : 0. 0.*
 Travelling Expenses, if any £ : : *12 NOV 1925*

Fees applied for,

12 NOV 1925

19

Received by me,

12/11/25

I am of opinion the Vessel should be Classed *+100 A.1.*

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

Signature

J.H. Webster.

Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to *NEWCASTLE-ON-TYNE*

Date of issue *17/11/25.*

Committee's Minute

TUES. 17 NOV 1925

Character assigned

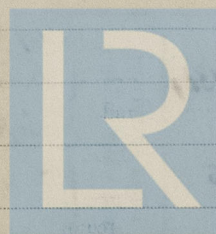
100 A.1

Lloyd's A.S.B.P.

+ L.M.B. 11.25
C.L.

Wm. R. Co.

My



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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.)

The following plans are forwarded with this Report:—

Midship Section
Profile & Deck Plans
Pumping Plan
Bottom Strengthening Forward
Stem post & Rudder
Open Bottom in Boiler Room
Compensation for Omission of Keel side stay (not adopted)

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

1st Bower	28.3.17:	K. H.	3981.	28/5/25
2nd "	28.2.27:	K. H.	3982.	28/5/25
3rd "	22.2.27:	M. B.	3565.	17/7/25.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 30.04 ft., R.Q.D. ☒ ft., Bridge 93.33 ft., Forecastle 34.62 ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated No.

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

Official No. 149.401. ; Signal Letters Is bottom of Vessel coated with cement Yes. if not give particulars of composition also Bitumastic enamel on floors under Engines.

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length.	Water Capacity.	Where Fitted.	*Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,	109.66	282.	Fore peak tank,		
Double bottom, under Engines and Boilers,	23.33	81.	After peak tank,	13.0	54
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,	151.66	449.	Deep tank, forward,		
Double bottom, forward,		812.	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. 5134

Date 10/6/25

Dates of Surveys held while building

1925

Mar. 30. Apr. 16. May 5. 7. 13. 25. June 3. 9. 10. 17. July 1. 2. 3. 16. 21. 29. 30. 31. Aug. 7. 10. 13. 14. 28. Sep. 1. 2. 3. 4. 7. 8. 9. 10. 11. 14. 16. 17. 18. 21. 22. 24. 25. 28. 29. Oct. 1. 13. 14. 16. 21. 22. 27. 28. 29. Nov. 2. 4. 5.

Total No. of Visits 54.