

## STEEL STEAMER or MOTORSHIP.

ANCHORS.  
Received at London Office - 7 SEP 1925State if Report has been sent on the Freeboard of the Vessel YesState if Report is sent on the Machinery of the Vessel YesDate of completion of report 4<sup>th</sup> September 1925. Port of Newcastle on Tyne No. 79568  
Survey held at South Shields Date First Survey 21<sup>st</sup> Jan'y 1925 Last Survey 2<sup>nd</sup> September 1925  
On the (State if Machinery fitted Aft and (if Single, Twin or Triple Screw) St. Sc. Sr. "ZURICHMOOR"State Type (Full Scantling, ~~Complete Superstructure~~) Full Scantling (Corrugated Sides) State Type of Erections P. B. & C.TONNAGE under Tonnage Deck... 4154.55 CLASS 1100 A.1. State if with freeboard as condition of Class No Built at South ShieldsDo. of space or spaces between Tonnage Dk. and Upper Dk. Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) L 372.00 Launched 22/7/25 Yard No. 480.Total Breadth (greatest moulded) B 52.08 Builders John Readhead & Son LtdGross Tonnage 4454.73 Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 28.75 Owners Moor Line LtdRegister Tonnage 2768.08 1st Longitudinal Number (L x D) = 10695 Managers W. Runciman & Co. Ltd  
(Where necessary to be entered in Reg. Book.)REGISTERED DIMENSIONS. FEET. 2nd Numeral L x (B + D) = 30068 Framing Depth "d," at middle of length. See Sec. 3 (1d) 25.37 Residence NewcastleLength 371.80 Proportions—Depth to Length—Uppermost continuous deck to top of keel 12.90 Port of Registry London.Breadth 55.35 Do. Long Bridge to top of keel 10.40 If surveyed while building, afloat, or in dry dockDepth 26.35 Draught Moulded 23-7 3/4 Yes. also in dry dock

## 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.
<b>FRAMES, Spacing amidships</b>	<u>81" x 20 approved</u>	✓	<b>Bracket Floors, Frame</b>	<u>B. a. 82" 32" 42"</u>	✓
" " from 1/2 length to Collision bulkhead	<u>27"</u>	✓	" " Reversed Frame	<u>B. a. 8" 3" 47"</u>	✓
" " in peaks	<u>26"</u>	✓	" " Vertical Struts	<u>B. a. 8" 3" 47"</u>	✓
<b>SIDE FRAMING.</b>			<b>Centre Girder, depth and thickness amidships</b>	<u>40 1/2 x 50</u>	✓
Web Frame Amidships, Angle, <u>E or F</u> plate	<u>32" 32" 40"</u>	✓	" " top Angles	<u>D 3" 3" 50"</u>	✓ as appd
" " Extends up to	<u>upper dk</u>	✓	" " bottom Angles	<u>D 4" 4" 54"</u>	✓
<b>Reversed Frame Amidships, Angle</b> <u>B. a.</u>	<u>7. 3. 52</u>	✓ as approved	<b>Side Girders, No. each side and thickness</b>	<u>One x 37"</u>	✓
" " Extends up to	<u>upper dk</u>	✓	<b>Margin Plate</b> depth (excl. of flange) and thickness	<u>35 1/2 x 47"</u>	✓
<b>Depth of Framing Girder</b>	<u>17"</u>	✓ as appd	" " Vertical Angle to Tank side	<u>6 x 6 x 40" Double</u>	✓
<b>Frames in Uppermost Continuous 'tween Decks, Angle, <u>E or F</u></b>	<u>6" 32" 40"</u>	✓	" " Bracket abaft 1/2 len. from stem	<u>6 x 6 x 40" Double</u>	✓
" " <b>Second 'tween Decks, Angle, <u>E or F</u></b>		✓	" " Vertical Angle to Tank side	<u>6 x 6 x 40" Double</u>	✓
" " <b>Third " " "</b>		✓	" " Bracket forward 1/2 len. from stem	<u>81" x 38" as approved.</u>	✓
<b>Framing in Peaks, Angle or <u>E</u></b>	<u>7 1/2" 3" 38"</u>	✓	" " Gussets, spacing and scantling abaft 1/2 len. from stem	<u>54" x 38" as approved</u>	✓
<b>Diameter and Spacing of Rivets through Frame and Shell Plating amidships</b>	<u>7/8" @ 54"</u>	✓	" " Gussets, spacing and scantling forward 1/2 len. from stem	<u>62" x 45"</u>	✓
<b>State if Frame Joggled</b>	<u>yes. as approved</u>	✓	<b>Tank Side Brackets, height above base line at toe of Frame and thickness</b>	<u>62" x 45"</u>	✓
<b>PANTING ARRANGEMENTS (Sec. 7), state system and particulars</b>	<u>Deep framing &amp; side stringers as approved</u>	✓	<b>INNER BOTTOM PLATING.</b>		
<b>STRENGTHENING OF BOTTOM FORWARD. State Particulars</b>	<u>Frame bottom &amp; shell increased &amp; additional girders as appd</u>	✓	Breadth and thickness of Middle Line Strake	<u>77" x 45"</u>	✓
<b>SINGLE BOTTOM.</b>			Thickness of remainder in Holds	<u>40" - 36"</u>	✓
<b>Floors, Depth and thickness at mid-line in Holds</b>			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>Yes.</u>	✓
Height of Brackets at side above base line at toe of frame			<b>BEAMS.</b>		
<b>Middle Line Keelson, on Floors, Angles, <u>E or F</u></b>			<b>Uppermost Continuous Deck, amidships in Wells, Angle, <u>E or F</u></b>	<u>102" 32" 45" as approved</u>	✓
" " " Through Plate or Intercoastal Plate			" " " in way of Bridge, Angle, <u>E or F</u>	<u>92" 32" 50"</u>	✓
" " " Foundation Plate on Floors			Spacing	<u>27"</u>	✓
" " " Flat Plate Keel Angles			<b>Second Deck, amidships, Angle, <u>E or F</u></b>		
<b>Side Keelsons, No. each side</b>			Spacing		
" " thickness of Intercoastal Plate			<b>Third Deck, amidships, Angle, <u>E or F</u></b>		
" " Angles			Spacing		
<b>DOUBLE BOTTOM.</b>			<b>Fourth Deck, amidships, Angle, <u>E or F</u></b>		
<b>Solid Floors, thickness and spacing</b>	<u>38" x 81"</u>	✓	Spacing		
" " Are Frame and Reversed Frame joggled?	<u>Yes.</u>	✓	<b>Poop Deck, Angle, <u>E or F</u></b>	<u>62" 3" 40"</u>	✓
<b>Bracket Floors, breadth and thickness at middle line</b>	<u>46" x 38"</u>	✓	Spacing	<u>26" 27"</u>	✓
" " breadth and thickness at margin plate	<u>38" x 38"</u>	✓	<b>Bridge Deck, Angle, <u>E or F</u></b>	<u>82" 3" 40"</u>	✓
			Spacing	<u>27"</u>	✓
			<b>Forecastle Deck, Angle, <u>E or F</u></b>	<u>8" 3" 46"</u>	✓
			Spacing	<u>27" 26"</u>	✓



# 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.
<b>PILLARS, No. of Rows.....</b>	one	✓	Stringer Plate, breadth and thickness in way of Bridge .....		
„ in 'tween Decks, Size and Spacing.....	2 3/4" x 5 1/2" as app'd ✓		Thickness of Plating abreast Deck openings in way of Wells .....		
„ „ „ „ „			Thickness of Plating abreast Deck openings in way of Bridge .....		
„ in Holds „ „	C.L. Bhd. ✓		Thickness of Plating within line of openings...		
„ „ „ „ „			If Sheathed, material and thickness .....		
<b>Centre Line Bulkhead.</b>			<b>Third Deck.</b>		
Stiffeners and Spacing.....	B. a. 7" x 3" x 4 1/2" 11" x 3" x 4 1/2" @ 5 1/2" ✓	as app'd	Stringer Plate, breadth and thickness.....		
Plating, thickness of .....	30.	✓	If Plated, state thickness.....		
<b>STRINGERS AND DECKS.</b>			<b>Fourth Deck.</b>		
<b>Uppermost Continuous Deck.</b>			Stringer Plate, breadth and thickness.....		
Stringer Plate, breadth and thickness in Wells	5 1/2" x 8" as app'd ✓		If Plated, state thickness .....		
„ „ „ „ in way of Bridge	5 1/2" x 38" ✓		<b>Poop Deck.</b>		
„ Angle in Wells .....	6" 6" 8" ✓		Stringer Plate, breadth and thickness .....	34" x 34" ✓	
Thickness of Plating abreast Deck openings in way of Wells .....	.76	✓	Plating, Sheathing, material and thickness ...	30 (steel)	
Thickness of Plating abreast Deck openings in way of Bridge .....	.34	✓	<b>Bridge Deck.</b>		
Thickness of Plating within line of openings...	.40 - .34	✓	Stringer Plate, breadth and thickness.....	60" x 42" ✓	
If Sheathed, material and thickness .....	no.	✓	Plating, Sheathing, material and thickness ...	35" x 34" steel	
<b>Second Deck.</b>			<b>Forecastle Deck.</b>		
Stringer Plate, breadth and thickness in Wells...	✓	✓	Stringer Plate, breadth and thickness .....	34" x 34" ✓	
			Plating, Sheathing, material and thickness ...	76" steel & sheathing over new steel	

## SHELL PLATING.

SCANTLINGS.						RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if joggled? <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.									
FLAT PLATE KEEL .....	49.	.73 ✓	.65 ✓	.65 ✓		Double	7/8	3 1/2	4 to 3 Rows	1 1/2"	4 to 3 1/2"	Lapped	
„ DBLG. (if any)	none												
BOTTOM PLATING, No. } of Strakes .....4..}	6 1/2 - 70.	.57 ✓	.57 ✓	.49 ✓	width of strakes slightly modified.	"	-	"	3 Rows.	7/8	3 1/2	"	
BILGE PLATING, No. of } Strakes .....1..}	53.	.57. ✓	.45. ✓	.47 ✓		"	-	-	"	"	"	"	"
SIDE PLATING, No. of } Strakes .....1/2..}		.57 ✓	.45. ✓	.47.		"	-	-	"	"	"	"	"
UPPER DECK, Sheer- } strake in Wells.....}	6 1/2	.82 ✓	.45 ✓	.45 ✓		"	1 1/2	4-3 1/2	4 to 3 Rows	1-7/8	4 to 3 1/2	"	"
UPPER DECK, Sheer- } strake in Bridge ...}	6 1/2	.57. ✓	-	-		"	7/8	3 1/2	3 Rows	7/8	3 1/2	"	"
STRAKE BELOW Sheer- } strake in Wells.....}		.67 ✓	.45 ✓	.45 ✓	"	"	"	"	"	"	"	"	
STRAKE BELOW Sheer- } strake in Bridge ...}		.67 ✓	-	-	"	"	"	"	"	"	"	"	
POOP SIDE PLATING .....			-	.38		Single	3/4	3	1 Row	3/4	2 5/8	"	
BRIDGE SIDE PLATING ...	87.	.55.	-	-		Double	7/8	3 1/2	3 Rows	7/8	3 1/2	"	
FORE'TLE SIDE PLATING	-	-	.40	-		Single	3/4	3.	1 Row	3/4	2 5/8.	"	

## WATERTIGHT BULKHEADS.

<b>Total No. of W.T. BULKHEADS in Vessel—</b>					
Extending to Upper Deck (Sec. 3 c)	Six ✓				
„ Deck next below .....	✓				
As per Rule	Six				
	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
<b>MIDSHIP BULKHEAD, Upper tween decks</b>					
38' aft. Division	40" x 26"	12" x 3 1/2"	46"	30"	✓
128' 3rd Division	41" x 26"	12" x 3 1/2"	46"	30"	✓
63' 86' amidships	39" x 26"	12" x 3 1/2"	46"	30"	✓
<b>COLLISION</b> „ (in Hold)	15 1/2" x 26"	9 1/2" x 3 1/2"	44"	24"	S.B.B. ✓
<b>AFTER PEAK</b> „	11" x 26"	7 1/2" x 3 1/2"	36"	24"	✓

## FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
<b>KEEL, Bar .....</b>	Plate	Keel		
<b>STEM .....</b>	Rolled	9 1/2" x 2 1/2"	Hickman ✓	
<b>STERN FRAME</b>	Propeller Post .....	Forged	10 1/2" x 7 1/4"	Darlington ✓
	Rudder „ .....		9" x 7 1/4"	Forge ✓
<b>RUDDER—A x D .....</b>		418	do.	
<b>Speed of Vessel .....</b>		under 10 k.		
<b>RUDDER</b> mainpiece at head ...	Forged.	9 1/4"		
„ „ heel ...		7.		
„ how constructed .....	S. Plate	1.05		
„ double or single plate coupling, vertical or horizontal .....	Horizontal			

## 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 & Co; Bolekew Vaughan; Cargo Fleet

Has the Steel been tested as required by the Rules? Yes ✓

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EQUIPMENT No. 31274										LETTER X	ANCHORS.		
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.			
28860.	1st Bower ...	57	0	0				46	12	2	0	Byers Improved	5th. 29/4/25 JHB.
28861.	2nd „ ...	56	1	14				46	4	2	2	do.	do. do. do.
28862.	3rd „ ...	47	3	2				41	2	2	0	do.	do. 30/4/25 do.
	Collective weight.	161.	1.	7.									
10004.	Stream .....	15.	2.	0.	5	1	7	16.	9.	0.	0.	Common Type.	Ch. 4/4/25. A Jones

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.	Status.	Break- ing.	Supplied.	Per Rule.	Length.	Diam.					Length.	Cir.		Length.	Cir.	
28631.	Fathoms. 180.	Ins. 2 1/8	Tons. 8 1/4	Tons. 13 1/4	Cwts. qrs. lbs. 41 1/2. 1. 7.	Cwts.	Fathoms. 270.	Ins. 2 1/8	Steel	Kendrick & Sons	Ch. 7/4/25 A.J.	TOWLINE	Fathoms. 120.	Ins. 4 1/2	Tons. 39.	Fathoms. 120.	Ins. 4 1/2	
26232.	15.	"	"	"	34. 3. 0.	-	-	-	-	-	" 24/4/25 "		HAWSERS & WARPS	2. 90.	3.	18.	2. 90.	2 1/2
26037.	15.	"	"	"	33. 3. 2 1/2	-	-	-	-	-	" 28/2/23 "	"		4. 90.	8."	-	2. 90.	2 1/2
Iron Stream Chain or Steel Wire		Cir.			48 1/2. 0. 0.									2. 60.	10"	-		
	90	4 1/2	39				90	4 1/2	wire.					4. 90.	7	-		

Steering Gear, Steam 9 1/2 x 9" Donkin & Co. Steering Gear, Hand 6 1/2" Westwood Engineering Co.

Boats 2 - 28' 2" x 8' 7" x 3' 6 1/2" Steering Chains, Size and Test 1 3/8" tested to 22 7/8 T. Windlass Emerson Walker

Ceiling in Holds, thickness and material 2 1/2" white wood Cargo Battens, thickness, material and spacing 6 x 2" W.W. @ 9" apart.

Cargo Hatchways.-(Upper Deck) Four to Holdos & Cross Bk Hatch. Thickness of Hatches 2 3/4" laid fore & aft.

Size of No. 1 Hatchway (Forward) 29-3 x 19-1 1/2 No. 2 31-6 x 19-1 1/2 No. 3 31-6 x 19-1 1/2 No. 4 29-3 x 19-1 1/2 No. 5 29-3 x 19-1 1/2 No. 6 29-3 x 19-1 1/2

Number of Shifting Beams and/or Fore and Afters Nos. 1 & 4. Four; Nos 2 & 3. Five. x Bk on Br Dk. One.

FOR JOHN READHEAD & SONS, LIMITED.

Builder's Signature J. M. H. Readhead DIRECTOR

GENERAL DECLARATION This vessel has been built in accordance with the approved plans, instructions & rules.

The material & workmanship are good. The freeboard has been verified Marks cut in on vessels side. All double bottom & peak tanks, weather decks, bulkheads, & tunnel have been tested as required by rule & found satisfactory.

The amount of Entry Fee ..... £ 8 : 0 : 0

Special Survey Fee .... £ 297 : 15 : 0

Travelling Expenses, if any £ : : :

Fees applied for. 5 SEP 1925

Received by me, 11/9/25

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

State whether the Vessel has been built under Special Survey Yes

Certificate to be sent to NEWCASTLE-ON-TYNE Date of issue 11/9/25

Signature J. H. Webb

Surveyor to Lloyd's Register of Shipping.

Committee's Minute FRI. 11 SEP 1925

Character assigned +100 A1

Write up Lloyd's arch + Lmb 9.25

2D, CL



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 Stiffening Forward  
Change of framing.  
Centre Line Bulkhead.

Cables Count from overlap.

				Wt.		
26036.	15 fms.	2 1/2 dia	8 1/4 test	113 3/4	Breaking	34.2.7
26319.	"	"	"	"	"	34.2.0
26237.	"	"	"	"	"	34.1.21
25833.	"	"	"	"	"	33.3.14
						137.1.14
	60.					481.0.0
270.	210					618.0.14
270.	fms.					Wt on Board

Rule Wt. 608 3/4; rule 608 - 3

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

1st Bower	31.0.5.	KH.	3378.	17/3/25
2nd "	31.1.10.	KH.	3379.	17/3/25
3rd "	28.3.6.	M.B.	2316.	30/1/25.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 33.66 ft., R.Q.D. ✓ ft., Bridge 105.75 ft., Forecastle 43.58 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. 148,669. ; Signal Letters

Is bottom of Vessel coated with cement Yes. if not g

particulars of composition

#### PARTICULARS OF WATER BALLAST.—

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	119.25.	314	Fore peak tank,	21.66	145
Double bottom, under Engines and Boilers,	45.00	182	After peak tank,		
Double bottom, if under Engines only,	—		Deep tank, aft,		
Double bottom, if under Boilers only,	—		Deep tank, forward,		
Double bottom, forward,	162.0	533.	Other tanks, if fitted,		
	Total capacity of double bottom	1029.	(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. 5125

Date 11.8.25

Dates of Surveys held while building

1925 Jan. 21. 28. Feb. 3. 10. 11. 16. 18. 26. 27. Mar. 2. 8. 4. 5. 6. 13. 16. 18. 24. 25. 27. 30. Apr. 1. 2. 3. 6. 7. 28. May 6. 14. 15. 18. 19. 22. 26. 27. 28. 30. Jun. 3. 8. 8. 10. 12. 15. 19. July 1. 2. 3. 6. 13. 16. 21. 27. 28. Aug. 4. 5. 6. 11. 13. 17. 18. 19. 21. 26. 27. 31. Sept. 2.

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Total No. of Visits 70