

STEEL STEAMER ~~OF~~ MOTORSHIPReceived at London Office 17 MAR 1925State if Report has been sent on the Freeboard of the Vessel YesState if Report is sent on the Machinery of the Vessel Yes

Date of completion of report

10.3.25Port of SunderlandNo. 29027

Survey held at

Sunderland

Date First Survey

17 June 1924

Last Survey

27 February 1925

On the

(State if Machinery fitted Aft and if Single, Twin or Triple Screw)

Single Screw Steamer "PETERSTON" (Machinery Amidships)

State Type

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

Full Scantling

State Type of Erections

Bridge, Forecastle, and Staircase

TONNAGE under Tonnage Deck

4277.44CLASS 100A1

(State if with freeboard as condition of Class)

710Built at Sunderland

Do. of 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 385.16Launched 28.11.24 Yard No. 258

Total

4277.44

Breadth (greatest moulded)

B 51.75Builders Barham & Sons Ltd.

Gross Tonnage

4680.00

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

D 27.83Owners Llangorse Steamship Co. Ltd.

Register Tonnage

2796.891st Longitudinal Number (L x D) = 10714Managers Radcliffe (Edwin Thomas) & Co.

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

2nd Numeral L x (B + D) = 30638Residence Mount Stuart Sq. Cardiff

REGISTERED DIMENSIONS.

FEET.

Length

385.45

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

23.75

Breadth

52.00

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

13.83

Depth

26.00

Do. Long Bridge to top of keel

10.74

Draught Moulded

24.62

If surveyed while building, afloat, or in dry dock

Building & afloat.

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	27			✓	Bracket Floors, Frame	8	3 1/2	50	✓
" " from 1/2 length to Collision bulkhead.....)	27			✓	" " Reversed Frame	7 1/2	3	50	✓
" " in peaks.....)	24			✓	" " Vertical Struts	7 1/2	3	50	✓
SIDE FRAMING.					Centre Girder, depth and thickness amidships	41		50	✓
Frame Amidships, Angle E or C	12	3 1/2	61	✓	" " top Angles	5	5	50	✓
" " Extends up to	Upper deck			✓	" " bottom Angles	6	6	54	✓
Reversed Frame Amidships, Angle	✓				Side Girders, No. each side and thickness	one		38	✓
" " Extends up to...	✓				Margin Plate depth (excl. of flange) and 				

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>3" dia. 54</i>		Thickness of Plating abreast Deck openings in way of Wells		
„ „ „ „ „	<i>✓ ✓ ✓</i>		Thickness of Plating abreast Deck openings in way of Bridge		
„ in Holds „ „	<i>Centre line bulkhead, head, & deck guides as approved</i>		Thickness of Plating within line of openings...		
„ „ „ „ „	<i>[7 3 37 12 4 4 68]</i>		If Sheathed, material and thickness		
Centre Line Bulkhead.			Third Deck.		
Stiffeners and Spacing.....	<i>54</i>		Stringer Plate, breadth and thickness.....		
Plating, thickness of	<i>30</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>94-66</i>		If Plated, state thickness		
„ „ „ „ in way of Bridge.....	<i>66 40 55x40</i>		Poop Deck.		
„ Angle in Wells	<i>6 6 78</i>		Stringer Plate, breadth and thickness	<i>48</i>	<i>34 34x34</i>
Thickness of Plating abreast Deck openings in way of Wells	<i>76-52</i>		Plating, Sheathing, material and thickness	<i>30, 5x3 PP.</i>	
Thickness of Plating abreast Deck openings in way of Bridge	<i>40-34</i>		Bridge Deck.		
Thickness of Plating within line of openings...	<i>32</i>		Stringer Plate, breadth and thickness.....	<i>60</i>	<i>62 55x60</i>
If Sheathed, material and thickness	<i>✓</i>		Plating, Sheathing, material and thickness	<i>58-38</i>	<i>56-36</i>
Second Deck.			Forecastle Deck.		
Stringer Plate, breadth and thickness in Wells...	<i>✓</i>		Stringer Plate, breadth and thickness	<i>47-38</i>	<i>44-34</i>
			Plating, Sheathing, material and thickness	<i>40-36</i>	<i>40-34</i>

SHELL PLATING.

SCANTLINGS.					RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.		BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.	No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.					Diam.	Spacing or. to cr.	
	Inches.	Inches.	Inches.	Inches.			Inches.	Inches.	Inches.	Inches.	
FLAT PLATE KEEL	<i>49</i>	<i>74</i>	<i>66</i>	<i>66</i>		<i>Double</i>	<i>1 3/7</i>	<i>4R full L</i>	<i>1</i>	<i>4</i>	<i>Lapped</i>
„ DBLG. (if any)	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>		<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>
BOTTOM PLATING, No. of Strakes	<i>66 1/2</i>	<i>58</i>	<i>58</i>	<i>46</i>		<i>Double</i>	<i>7/8 3/8</i>	<i>3R full L</i>	<i>7/8</i>	<i>3 1/8</i>	<i>Lapped</i>
BILGE PLATING, No. of Strakes	<i>67</i>	<i>58</i>	<i>46</i>	<i>46</i>		<i>—</i>	<i>—</i>	<i>—</i>	<i>—</i>	<i>—</i>	<i>—</i>
SIDE PLATING, No. of Strakes	<i>72 1/2</i>	<i>58</i>	<i>44</i>	<i>44</i>		<i>—</i>	<i>—</i>	<i>—</i>	<i>—</i>	<i>—</i>	<i>—</i>
UPPER DECK, Sheer-strake in Well.....	<i>50 1/2</i>	<i>94-68</i>	<i>25 1/2</i>	<i>0 1/2</i>	<i>Break</i>	<i>—</i>	<i>1 7/8 3 1/2 3 3/8</i>	<i>5R-3R</i>	<i>1 7/8</i>	<i>4 1/2 3 1/8</i>	<i>—</i>
UPPER DECK, Sheer-strake in Bridge ...	<i>50 1/2</i>	<i>58</i>	<i>44</i>	<i>44</i>		<i>—</i>	<i>7/8 3 3/8</i>	<i>3R full L</i>	<i>7/8</i>	<i>3 1/8</i>	<i>—</i>
STRAKE BELOW Sheer-strake in Well.....	<i>72 1/2</i>	<i>76-60</i>	<i>✓</i>	<i>✓</i>		<i>—</i>	<i>1 3 6/7</i>	<i>4R-3R</i>	<i>1 7/8</i>	<i>4 5/8</i>	<i>—</i>
STRAKE BELOW Sheer-strake in Bridge ...	<i>72 1/2</i>	<i>58</i>	<i>44</i>	<i>44</i>		<i>—</i>	<i>7/8 3 3/8</i>	<i>3R full L</i>	<i>7/8</i>	<i>3 1/8</i>	<i>—</i>
POOP SIDE PLATING	<i>50 1/2</i>	<i>✓</i>	<i>✓</i>	<i>38</i>		<i>Single</i>	<i>3/4 3</i>	<i>2R full L</i>	<i>3/4</i>	<i>2 5/8</i>	<i>—</i>
BRIDGE SIDE PLATING ...	<i>53 1/2</i>	<i>60</i>	<i>44</i>	<i>60</i>	<i>Bridges Forecastle</i>	<i>Double</i>	<i>7/8 3 3/8</i>	<i>3R full L</i>	<i>7/8</i>	<i>3 1/8</i>	<i>—</i>
FORECASTLE SIDE PLATING					<i>Combined</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel— <i>7</i>				
Extending to Upper Deck (Sec. 3 c) <i>7</i>				
„ Deck next below <i>✓</i>				
As per Rule <i>6</i>				
	Plating Thickness.	STIFFENERS.		
		VERTICAL.	HORIZONTAL.	
		Scantlings, Spacing.	Scantlings, Spacing.	
MIDSHIP BULKHEAD, Upper 'tween decks	<i>✓</i>			
„ „ Second „	<i>✓</i>			
„ „ Third „	<i>✓</i>			
„ „ Holds	<i>45-32</i>	<i>2 1/2 x 50</i>	<i>30 x 28 1/2</i>	<i>✓</i>
COLLISION „ (in Hold)	<i>46-32</i>	<i>10 x 3 1/2 x 50</i>	<i>24 3 Semi-Ax Beam</i>	<i>✓</i>
AFTER PEAK „ „	<i>34-28</i>	<i>7 x 3 1/2 x 44</i>	<i>24 Semi-Ax Beam</i>	<i>✓</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>Forging</i>	<i>9 x 2 1/2</i>	<i>Darlington Forge Co.</i>	<i>✓</i>
STERN FRAME {	Propeller Post	<i>10 1/4 x 7 1/2</i>	<i>—</i>	<i>10 1/4 x 7 1/4</i>
	Rudder „	<i>9 x 7 1/2</i>	<i>—</i>	<i>9 x 7 1/4</i>
RUDDER—A x D	<i>✓</i>	<i>125 x 3-56</i>	<i>445</i>	<i>✓</i>
Speed of Vessel	<i>Under 12 knots</i>			<i>✓</i>
RUDDER mainpiece at head	<i>Forging</i>	<i>10"</i>	<i>Darlington</i>	<i>✓</i>
	„ „ heel	<i>7 1/2</i>	<i>Forge Co.</i>	<i>✓</i>
„ „ how constructed	<i>Forged & built</i>			<i>✓</i>
„ double or single plate coupling, vertical or horizontal	<i>Single Vertical</i>			<i>✓</i>

STEEL.	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture).	
	<i>Steel plates—South Durham Steel & Iron Co.</i>	
	<i>Steel angles—Cargo Fleet Iron Co.</i>	
	Has the Steel been tested as required by the Rules? <i>Yes.</i>	

EQUIPMENT No. 34538.										LETTER J	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.			
39918	1st Bower	60	2	14	Stockless			48	15	0	Quick Grip	not stated	G.H. 16-6-24, Paul
39919	2nd "	60	0	0	"			48	7	2	"	"	"
39920	3rd "	56	1	14	"			46	4	2	"	"	"
	Collective weight.	177	0	0									
58290	Stream	16	2	0	14	1	7	17	16	1	Ordinary	H.P. Smith & Co.	Tipton, 24-7-24, Supdale

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.		
	Fathoms.	Ins.	Tons.	Tons.	Cwts. qrs. lbs.	Cwts.	Fathoms.	Ins.						Fathoms.	Ins.	Tons.	Fathoms.	Ins.	
59057	270	2 7/8	86 1/2	120 5/10	655.3.0	645 3/4	270	2 7/8	Stud	not stated	Tipton, 30.7.24	TOWLINE...	120	4 3/4	47	120	4 3/4		
Iron Steam-chain or Steel Wire		Oir.						Oir.			Supdale.	HAWSERS & WARPS	90	8	MANILA	90	8		
												"	90	8	--	90	8		
												"	90	7	--	90	7		
												"	90	7	--	90	7		

Steering Gear, Steam *John Lynn & Co. Ltd.*

Steering Gear, Hand *Secondary means of steering from after winch.*

Boats *2 lifeboats 26'0" one cutter 18'0", & one dinghy 15'0".*

Steering Chains, Size and Test *1 1/2" dia - 27 tons*

Windlass *Steam - Emerson Walker & Thompson.*

Ceiling in Holds, thickness and material *11 x 2 1/2 H.H.*

Cargo Battens, thickness, material and spacing *7 x 2 H.H. - 9"*

Cargo Hatchways.-(Upper Deck) *Steel plates 44 with stays as approved* Thickness of Hatches *3" white pine*

Size of No. 1 Hatchway (Forward) *31.6 x 24.0* No. 2 *31.6 x 24.0* No. 3 *24.9 x 20.0* No. 4 *33.9 x 24.0* No. 5 *31.6 x 24.0* No. 6 *10.0 x 9.0*

Number of Shifting Beams and/or Fore and Afters *No 1-2-4 & 5 hatchways - 6 webs; No 3-5 webs; No 6 - one web. no fore & afters.*

For Bartram & Sons Ltd.

Builder's Signature

R.M. Bartram. Jnr.

GENERAL DECLARATION

This vessel has been built in accordance with the approved plans, & instructions, & the Society's printed Rules for the intended class 100A1. The materials & workmanship are good & efficient. The foreboard has been reinforced & the marks cut in, on the vessel's sides. The double bottom tanks & peak tanks have been tested, & found satisfactory, & all the decks, bulkheads, & tunnel have been tested with satisfactory results. The H.T. doors have also been hose tested & tied, & the fore peak pump tested & found satisfactory.

The following approved plans are forwarded herewith, viz. - Midship Section, Profile & Decks, Bulkheads, Centre Line Bulkheads, Bunker Bulkhead, Stem Frame, Rudder, Deck Enders (2 plans), Lifting Arrangements (2 plans), Deck Houses & Pumping Arrangement.

The amount of Entry Fee £ 8 : 0 : 0

Fees applied for,

Special Survey Fee.... £ 309 0 : 0

I am of opinion the Vessel should be Classed **100A1**.

Foreboard Fee £ 10

Received by me,

Travelling Expenses, if any £ : : ✓

16th Mar 1925

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

Signature

James Dickie.

Certificate to be sent to **SUNDERLAND**

Date of issue *13/3/25*

Surveyor to Lloyd's Register of Shipping.

Committee's Minute

FRI. 13 MAR 1925

Character assigned

100A1

Lloyds Ass. P.

+ L.M. 225 C.L.

W. H. S. Ld

M. H.



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Lloyd's Register Foundation

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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.)

Forging Reports of Star Frame, Rudder, Stem Bar & Tiller are also enclosed, together with Midship Section & Profile & Decks as built.

Please return plans for reference in dealing with the Sister Vessel.

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

1st Bower 37.1.8; D.D.W; 5672; 20.3.23.
2nd „ 36.2.12; D.D.W; 5788; 8.5.23.
3rd „ 35.1.6; D.D.W; 5893; 5.6.23.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 38.75 ft., R.Q.D. ✓ ft., Bridge 110.00 ft. (COMBINED)
(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) 1-2K (SK)

Official No. 148561 : Signal Letters ✓

Is bottom of Vessel coated with cement ✓

particulars of composition

Bitumastic in way of Engine & Boiler Space.

PARTICULARS OF WATER BALLAST.—

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	130.5	1346	Fore peak tank,	—	116
Double bottom, under Engines and Boilers,	42.75	178	After peak tank,	—	174
Double bottom, if under Engines only,	—	—	Deep tank, aft,	—	—
Double bottom, if under Boilers only,	—	—	Deep tank, forward,	—	—
Double bottom, forward,	168.75	586	Other tanks, if fitted,	—	—
Total capacity of double bottom	342.00	1110	(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. 5573

Date 28.4.24

Dates of Surveys held while building

1924. June. 17. 30. July. 4. 11. 17. 25. 30. Aug. 1. 8. 12. 20. 22. 25. Sep. 1. 9. 12. 17. 24. 29. Oct. 1. 8. 15. 22. 29. Nov. 5. 12. 19. 26. Dec. 3. 10. 17. 24. 31. 1925. Jan. 7. 14. 21. 28. Feb. 4. 11. 18. 25. Mar. 4. 11. 18. 25. Apr. 1. 8. 15. 22. 29. May 6. 13. 20. 27. Jun. 3. 10. 17. 24. 31. Jul. 7. 14. 21. 28. Aug. 4. 11. 18. 25. Sep. 1. 8. 15. 22. 29. Oct. 6. 13. 20. 27. Nov. 3. 10. 17. 24. 31. Dec. 1. 8. 15. 22. 29.

Total No. of Visits 54