

# With or Without Disconnected Erections.

## STEEL STEAMER.

Received at London Office **THU. MAY 8-1913**

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

Date of completion of report **7th May 1913**

Port of **SUNDERLAND**

No. **25679**

Survey held at **SUNDERLAND**

Date, First Survey **29 Oct.**

Last Survey **MAY 3rd**

1913

On the (State if Single, Twin or Triple Screw) **STEEL STEAMER**

**"PORTWOOD"**

Rig **SCREWDRIVER**

TONNAGE under Tonnage Deck... **1756.14**

CLASS **100 A.1.**

FEET.

Master **W. A. MARTIN**

Year of appointment

(1) As Master in service of owner of present vessel—1004  
(2) As Master of this vessel—1913

Do. between Tonnage Dk. and 2nd and 4th Dk.

Breadth (greatest moulded) **40.25**

Total under Upper Dk.

Depth, at middle of length from top of keel to top of upper deck beams at side **20.75**

Do. of Poop **EXPANSION HATCH 18**

Transverse Number **61.00**

Do. of R.Q.Dk. **36.85**

Length on deck from fore part of stem to after part of stern post **279.5**

Do. of Bridge House **9.42**

Longitudinal Number **17049**

Do. of Forecastle **37.64**

Depth "d," at middle of length (See Secs. 2 & 13) **17.75 + 21.95**

Do. of Houses on Dk. **23.17**

Proportions—Depths to Length—Upper Deck Beam at side to top of keel **13.46 + 11.20**

Do. of excess of Hatchways **126.65**

" " Long Bridge Deck Beam at side to top of keel **✓**

Do. above Crown of Engine Room **18.65**

Destined Voyage **CONSTANT**

Built at **SUNDERLAND**

When built **1913**

Launched **APR 2nd 1913**

By whom built **Messrs S. PAUSTIN & SONS Ld.**

Owners **Messrs W. A. FRANCE, FENWICK & CO. Ld.**

Managers **Do.**

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

Residence **5 FENCHURCH ST LONDON**

Port belonging to **LONDON**

Surveyed while Building, Afloat, or in Dry Dock **UNDER SPECIAL SUPERVISOR**

LENGTH on Deck as per Rule	Feet.	Inches.	BREADTH—Moulded	Feet.	Inches.	DEPTH, ACTUAL—Top of Upper Dk. Beams to top of Upper Dk. Beams	Feet.	Inches.	No. of Decks with flat laid	No. of Tiers of Beams
279	6		40	3		Do. do. do. do. Second Dk. Beams	18	6	One	One

Moulded depth, ft. <b>28</b> ins. <b>0</b>	To Bridge Dk.	Round of Upper Dk. Beam, Actual	<b>10</b> ins.
Moulded depth, ft. <b>20</b> ins. <b>9</b>	To Upper Dk.		

Dimensions of Ship per Register, Length **280.0** breadth **40.5** depth **18.5**

FRAMING.				PILLARS.			
FRAME, Angles, or Bars amidships	Inches in Ship.	Inches in Ship.	Inches in Ship.	PILLARS, In 'tween-Decks, size and spacing	Inches in Ship.	Inches in Ship.	Inches in Ship.
Do. in peaks	8 1/2	3	48	" " Hold	2 3/8	47	2 3/8
Do. in way of Double Bottoms at Solid Floors	9 1/2	3	52	" " Quarter 'tween Dks.,	BRACKETS	IN AISLE	
" " at intermdt. Bkts.	3	3	34	" " in Hold			
Spacing of Frames from centre to centre amidships	28 1/2		23 1/2				
" " from 1/2 length to Collision bulkhead	23 1/2		23 1/2				
" " in peaks	23 1/2		23 1/2				
REVERSED FRAME, Angles	BULB ANGLES	FRAMES					
Do. in way of Double Bottoms at Solid Floors	3 x 3 x 34	44.81	3 x 3 x 34				
" " at intermdt. Bkts.							
FRAMING, depth of girder	8 1/2 x 9		8 1/2 x 9				
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships	CELLULAR	SOLID					
" in way of Engine and Boiler Spaces							
" thickness at the ends of vessel	BOTTOM						
" depth at 1/2 the half breadth, as per Rule							
" height extended at the Bilges							
FLOORS in Cell. Double Bottoms	34	7/16	34				
" state if flanged (top & bottom)	NO		NO				
" Spacing of Solid floors	23 1/2		23 1/2				
CENTRE GIRDER, in Dbl. bottom, dpth. & thcknss.	36	46	56.1				
" " Angles, Top	4	4	52				
" " Bottom	4	4	52				
" " to Floors	3 x 3 x 34	44.81	3 x 3 x 34				
" Brackets at intermdt. frmg., wdth & thcknss							
SIDE GIRDERS, number on each side & thickness	2 x 4 x 32	42.5	2 x 4 x 32				
" " state if flanged (top and bottom)	NO		NO				
" " Angles (top and bottom)	3 x 3 x 34	44.81	3 x 3 x 34				
" " to Floors	3 x 3 x 34	44.81	3 x 3 x 34				
MARGIN PLATE, depth (exclusive of flange) and thickness	9/16	9/16	9/16				
" " Angles to Outside Plating	4	4	38				
" " Floors	3 x 3 x 34	44.81	3 x 3 x 34				
" Brackets at intermdt. frmg., wdth & thcknss							
Height of Outside Brackets above at bilge							
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	36	50	50.1				
" " in Engine and Boiler space	9/16	1/8	8/16				
" " Remainder in Holds	8/16	1/8	8/16				
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	7 1/2	3	42				
" " In way of Long Bridge							
" Spacing	23 1/2		23 1/2				
BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel							
" Spacing							
BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel							
" Angles on upper edge							
" Spacing							
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	5 1/2	3	35				
" Angles on upper edge							
" Spacing	23 1/2		23 1/2				
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	8	3	42				
" Angles on upper edge							
" Spacing	47		47				

Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge) **49** **56** **49** **56**

" " " " br'dth & thickness (in way of Bridge) **49** **70** **56** **49** **70** **56**

" " " " Angle (clear of Bridge) **4 1/2 x 4 1/2** **60** **4 1/2 x 4 1/2** **60**

" " Tie Plate at sides of Hatchways **PLATING** **INCREASED**

" " Deck \* Iron or Steel, for **NO WOOD** **DECK Laid**

" " Thickness (clear of Bridge) **36** **36**

" " (in way of Bridge) **36** **36**

" " Wood Deck. Material & thickness **NO WOOD** **DECK Laid**

Second Deck Stringer Plate, br'dth & thickness

" Angles on ditto, No. **45** **50** **45** **50**

" Tie Plates outside Hatchways **PLATING** **INCREASED**

" Deck \* Iron or Steel, for **NO WOOD** **DECK Laid**

" " Thickness (clear of Bridge) **36** **36**

" " (in way of Bridge) **36** **36**

" " Wood Deck. Material & thickness **NO WOOD** **DECK Laid**

Third Deck Stringer Plate, br'dth & thickness

" Angles on ditto, No. **4 1/2 x 4 1/2** **50** **4 1/2 x 4 1/2** **50**

" Tie Plates outside Hatchways **PLATING** **INCREASED**

" Deck \* Material and thickness **NO WOOD** **DECK Laid**

Fourth and Fifth Deck Stringer Plate, breadth & thickness

" " Angles on ditto, No. **4 1/2 x 4 1/2** **50** **4 1/2 x 4 1/2** **50**

" " Tie Plates outside Hatchways **PLATING** **INCREASED**

" " Deck. Material & thickness **NO WOOD** **DECK Laid**

Poop Deck Stringer Plate, breadth & thickness

" Angle on ditto **42** **36** **42** **36**

" Tie Plates **3 x 3** **36** **3 x 3** **36**

" Deck. Material and thickness **NO WOOD** **DECK Laid**

Bridge Deck Stringer Plate, br'dth & thickness

" Angle on ditto **3 x 3** **36** **3 x 3** **36**

" Tie Plates **NO WOOD** **DECK Laid**

" Deck. Material and thickness **NO WOOD** **DECK Laid**

Forecastle Deck Stringer Plate, br'dth & th'kns

" Angle on ditto **3 x 3** **32** **3 x 3** **32**

" Tie Plates **NO WOOD** **DECK Laid**

" Deck. Material and thickness **NO WOOD** **DECK Laid**

\* If Iron or Steel Deck, state if whole or part, and if Wood Deck is laid thereon.



[illegible]

EQUIPMENT No. 18/84				LETTER 7				ANCHORS.				TONNAGE U.D.K. OR PLATING No. FOR RAOULS			
No. of Certificate	Anchors	Weight, Ex. Stock	Weight of Stock	Test, per Certificate	Weight Required by Table 31	Description of Anchor	Makers	Where and when tested and Superintendent							
Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.			
16834	1st Bower	37	1	7	30	34	0	2	14	35	2	0	"Beri" Patent.		
16838	2nd "	35	0	7	30	32	9	1	14	35	2	0	"Beri" Patent.		
16781	3rd "	30	0	14	30	28	14	1	14	30	0	0	"Beri" Patent.		
	4th "														
	Collective weight	102	2	0						101	0	0			
16498	Stream	9	2	0	2	11	11	1	0	9	1	0	Common		
16496	Kedge	5	0	0	1	0	0	7	7	2	0	0	Common		

CHAIN CABLES.										HAWERS AND WARPS.									
No. of Certificate	Length and size supplied	Test per Certificate	Supplied	Per Rule	Length and Size per Table 31	Description	Makers of Cables	Where and when tested, and Superintendent	Material	Length and Size supplied	Breaking Test of Steel Wire Towline	Length and Size per Table 31							
Fathoms.	Inches.	Tons.	Cwts.	qrs.	lbs.	Fathoms.	Inches.			Fathoms.	Inches.	Tons.							
6184	240	1 1/2	55 1/2	77 1/2	387-2-15	370-1-23	240	1 1/2	Pauline Prop. Trans. Anti	No. 2-1-13 L. HANNEY	TOWLINE	90	3 1/2	26 1/2	90	3 1/2			
											HAWERS & WARPS	200	90	2 1/2	16 1/2	200	90		
												200	90	2 1/2	9 1/2	200	90		

**Boats:** Two lifeboats and one dinghy.  
**Pumps:** Number One 4 1/2 inch pump with 2 1/2 inch pipe + one 3 inch to fore peak tank.  
**Windlass:** Emerson Walker + Thompson Bros.  
**Engine Room Skylights:** How constructed? Of steel.  
**Coal Bunker Openings:** How constructed? Of steel.  
**Number of Scuppers,** and numbers and dimensions of **Freeing Ports, &c.** 9 scuppers on side (see plan) freeing ports 4 - 2' 9" x 1' 6" for 5' 2' 10" x 1' 9" aft.  
**Ceiling in Holds,** thickness and material No ceiling.  
**Cargo Hatchways:** How formed? Of steel. usual construction.  
**State size No. 1 Hatch (Forward)** 35' 3" x 25' 6" **No. 2 Hatch** 35' 3" x 25' 6" **No. 3 Hatch** 33' 3" x 25' 3" **No. 4 Hatch** 45' 0" x 25' 4".  
**Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch** SHEETS TO Nos 1-2 = 3 HATCHES. JOISTS TO No 4 HATCH.  
**No. of Breasthooks** 4 and deck. **No. of Crutches** deep floor.  
**Bulwarks,** height above deck and description 48" 25 steel.  
**The foregoing is a correct description.** FOR P. J. AUSTIN & SON, LIMITED.  
**Builder's Signature** (here only) *Am. Smith* **Surveyor's Signature** *J. S. Ashland* **Surveyor to Lloyd's Register of British and Foreign Shipping.**

**Correspondence:** State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case)  
M. 23-5-12 M. 23-9-12 M. 14-10-12 M. 15-10-12 M. 14-11-12 5-13-11-12

**Workmanship.** Are the butts of plating planed or otherwise fitted? PLANED AND OVERLAPPED  
Is the riveted work properly closed? YES  
Are the liners between the frames and plates solid single pieces? YES Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? YES Are the rivet holes well and sufficiently countersunk in the plate and punched from the facing surfaces? YES Do any rivets break into or through the seams or butts of the plating? A FEW

Are the butts of Plating, Stringers, &c., properly shifted and strapped? YES  
Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? YES State results of tests SATISFACTORY  
Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? YES State results of tests SATISFACTORY

**General Remarks** (State quality of workmanship, &c.)  
THIS VESSEL HAS BEEN BUILT IN ACCORDANCE WITH THE APPROVED PLAN, THE SECRETARY'S LETTERS DATED AS STATED ABOVE AND OTHERWISE IN ACCORDANCE WITH THE RULES FOR THE CLASS CONTINGENTATED  
THE MATERIALS AND WORKMANSHIP ARE GOOD.  
THE APPROVED PLANS (5 IN NUMBER) ARE ENCLOSED, WHICH KINDLY RETURN FOR THE DUBLIN VESSEL

The Surveyor should state the Number of Report and Name of any Sister Vessel.

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The amount of Entry Fee £ 5 : 0 : 0 Fees applied for, 6.5.1913  
Special Survey Fee £ 75 : 18 : 6 Received by me, [Signature]  
Travelling Expenses if any £ : : 8.5.1913 [Signature]

State whether the Vessel has been built under Special Survey YES  
I am of opinion this Vessel should be Classed 100 A.I. STEEL, L.A. & G.P.  
With, or without Freeboard, as condition of Class WITHOUT

Certificate to be sent to SUNDERLAND. Date of issue 23/5/13.  
*L. S. Ashland*  
Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute FRI. MAY 9 - 1913  
Character assigned 100 A.I.  
Subject Lloyd's A.C.P. + rule 5.13.  
write.



GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. 116.25 ft., Bridge 53.0 ft., Forecastle 28.5 ft.  
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated ☒

No. and Material of Decks (if Iron or Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (this information is to be given as should appear in the Register Book) ONE IR. DECK.  
Official No. 13527; Signal Letters ☒ State if Machinery is fitted aft No.  
How are the surfaces preserved from oxidation? Inside PORTLAND CEMENT + PAINT Outside PAINT

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors CELLULAR SYSTEM

Where Fitted.	Length.		Where Fitted.	Length.	
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,	<u>48.0</u>	<u>125</u>	Fore peak tank,	-	<u>103</u>
Double bottom, under Engines and Boilers,	<u>41.08</u>	<u>130</u>	After peak tank,	-	<u>97</u>
Double bottom, if under Engines only,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Deep tank, aft,	<u>45.0</u>	<u>300</u>
Double bottom, if under Boilers only,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Deep tank, forward,	-	-
Double bottom, forward,	<u>100.00</u>	<u>225</u>	Other tanks, if fitted,	-	-
Total capacity of double bottom		<u>480</u>	(If necessary, furnish further information by sketch.)		

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

State whether the above have been tested as required by the Rules Yes

Order for Special Survey No. 5034

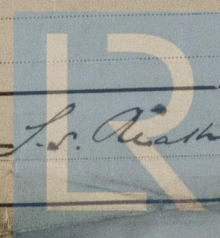
Date 8.6.12

No. 267 in builder's yard.

DAYS of Surveys held while building

1912 Oct. 29. Nov. 8. 14. 20. 25. 26. 28. Dec. 3. 6. 9. 12. 18. 24. 30. Jan. 3. 7. 9. 16. 21. 30. 31.  
Feb. 4. 8. 11. 13. 18. 21. 25. 26. Mar. 4. 11. 17. Apr. 1. 3. 4. 7. 8. 22. 28. 30. May

Surveyor's Signature



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Total No. of Visits 41

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