

With or Without Disconnected Erections.

STEEL STEAMER.

Received at London WED. SEP. 23. 1914

Date of completion of report 22. SEP. 1914

Survey held at Sunderland

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

Port of SUNDERLAND.

Date, First Survey 14th Nov 1913 Last Survey 19th Sept 1914

No. 26235

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

"PACIFIC"

Rig Schooner

TONNAGE under 3880.74

Tonnage Deck... 3880.74

Do. between Tonnage Dk. and 3rd and 4th Dk. 86.93

Total under Upper Dk. 15.75

Do. of Bridge House 8.64

Do. of Forecastle 117.95

Do. of Houses on Dk. 37.13

Do. of excess of Hatchways 63.23

Do. above Crown of Engine Room 4210.37

Gross Tonnage 145.89

Less Crew Space 63.23

Less above Crown of Engine Room 4001.25

TONNAGE FOR FEES 1347.32

Less Engine Room 39.02

Less Navigation Spaces 66.07

Register Tonnage 2612.07

as cut on Beam

CLASS 100A.1

FEET.

Breadth (greatest moulded) 53.25

Depth, at middle of length from top of keel to top of upper deck beams at side 27.0

Transverse Number 80.25

Length on deck from fore part of stem to after part of stern post 370.0

Longitudinal Number 29692

Depth "d," at middle of length (See Secs. 2 & 13) 23.7 1/2

Proportions—Depth to Length—Upper Deck Beam at side to top of keel 13.7

" " Long Bridge Deck Beam at side to top of keel 10.8

Destined Voyage Hull & River Plate

If Surveyed while Building Afloat, or in Dry Dock Yes.

Master W. S. Ireland.

Year of appointment (1) As Master in service of owner of present vessel—1914 (2) As Master of this vessel 9 1914

Built at Sunderland

When built 1914 Launched 27th July 1914

By whom built Sunderland S. B. Co. Ltd

Owners W. H. Bockertine & Co

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

Residence

Port belonging to Hull

LENGTH on Deck as per Rule	Feet.	Inches.	BREADTH—Moulded	Feet.	Inches.	DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams	Feet.	Inches.	No. of Decks with flat laid	No. of Tiers of Beams
370	0		53	3		24	6 3/4		One	One

Dimensions of Ship per Register. Length 370.0 breadth 53.5 depth 24.55. Moulded depth, ft. 34 ins. 0 To Bridge Dk. Round of Upper Dk. Beam, Actual 12 3/4 ins. Moulded depth, ft. 27 ins. 0 To Upper Dk.

FRAMING.							PILLARS.							Inches in Ship.				Inches in Ship.				Inches in Ship.				Inches in Ship.													
														Inches in Ship.				Inches in Ship.				Inches in Ship.				Inches in Ship.													
FRAME, Angles, or E or L Bars amidships							11	3 1/2	70	11	3 1/2	70	PILLARS, In 'tween Deck, size and spacing							2 7/8 round spaced,				2 7/8 round spaced															
Do. in peaks							7	3 1/2	42	7	3 1/2	42	" " Hold							" " Manneman Rules - scantlings				" " spacing as per approved plans.															
Do. in way of Double Bottoms at Solid Floors							3 1/2	3 1/2	40	3 1/2	3 1/2	40	" " Quarter 'tween Dks.,							" " in Hold				" " "															
" " " at intermdt. Bkts.							25 1/2						KEELSONS & STRINGERS. <td colspan="4">Inches in Ship.</td> <td colspan="4">Inches in Ship.</td> <td colspan="4">Inches in Ship.</td> <td colspan="4">Inches in Ship.</td>							Inches in Ship.				Inches in Ship.				Inches in Ship.				Inches in Ship.							
Spacing of Frames from centre to centre amidships							25 1/2						CENTRE LINE KEELSON, Vertical Plate above							Inches in Ship.				Inches in Ship.				Inches in Ship.				Inches in Ship.							
" " " " from 1/2 length to Collision bulkhead							24						floors, Through Plate, or Intercostal Plate							Inches in Ship.				Inches in Ship.				Inches in Ship.				Inches in Ship.							
" " " " in peaks.							24						Rider Plate							Inches in Ship.				Inches in Ship.				Inches in Ship.				Inches in Ship.							
REVERSED FRAME, Angles.							Bulb angle frames						Flat Plate Keel Angles							Inches in Ship.				Inches in Ship.				Inches in Ship.				Inches in Ship.							
Do. in way of Double Bottoms at Solid Floors							3 1/2	3 1/2	40	3 1/2	3 1/2	40	Horizontal Plates on Floors							Inches in Ship.				Inches in Ship.				Inches in Ship.				Inches in Ship.							
" " " at intermdt. Bkts.							11						Angles or Bulb Angles							Inches in Ship.				Inches in Ship.				Inches in Ship.				Inches in Ship.							
FRAMING, depth of girder							11						SIDE KEELSONS, Number							Inches in Ship.				Inches in Ship.				Inches in Ship.				Inches in Ship.							
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships							cellular double bottom						Angles or Bulb Angles							Inches in Ship.				Inches in Ship.				Inches in Ship.				Inches in Ship.							
" in way of Engine and Boiler Spaces							cellular double bottom						Plate above floors, for length							Inches in Ship.				Inches in Ship.				Inches in Ship.				Inches in Ship.							
" thickness at the ends of vessel							cellular double bottom						Intercostal Plate, for length							Inches in Ship.				Inches in Ship.				Inches in Ship.				Inches in Ship.							
" depth at 1/2 the half breadth, as per Rule							cellular double bottom						Attached to outside Plating with Angle							Inches in Ship.				Inches in Ship.				Inches in Ship.				Inches in Ship.							
" height extended at the Bilges							cellular double bottom						BILGE KEELSON, Angles							Inches in Ship.				Inches in Ship.				Inches in Ship.				Inches in Ship.							
FLOORS in Cell. Double Bottoms							40	B.S.	50	40	B.S.	50	Intercoastal Plate for length							Inches in Ship.				Inches in Ship.				Inches in Ship.				Inches in Ship.							
" state if flanged (top & bottom)							not flanged						Attached to outside Plating with Angle							Inches in Ship.				Inches in Ship.				Inches in Ship.				Inches in Ship.							
" Spacing of Solid floors							floor on every frame						SIDE STRINGERS, Number at ends only							Inches in Ship.				Inches in Ship.				Inches in Ship.				Inches in Ship.							
CENTRE GIRDER, in Dbl. bottom, dpth. & thcknss.							42	x	50	42	x	50	" " Angle							6 1/2	3 1/2	58	6 1/2	3 1/2	58	Inches in Ship.				Inches in Ship.				Inches in Ship.					
" Angles, Top							3 1/2	3 1/2	50	3 1/2	3 1/2	50	" Intercostal Plate, for 40' 0" length							42				42	42	Inches in Ship.				Inches in Ship.				Inches in Ship.					
" Bottom							4 1/2	4 1/2	60	4 1/2	4 1/2	60	" Attached to outside plating with Angle							5	5	56	5	5	56	Inches in Ship.				Inches in Ship.				Inches in Ship.					
" to Floors							5	5	56	5	5	56	Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)							58 x 52				58 x 52				Inches in Ship.				Inches in Ship.				Inches in Ship.			
" Brackets at intermdt. frmg. width & thcknss.							two 38						" " " " br'dth & thickness (in way of Bridge)							58 x 46				58 x 46				Inches in Ship.				Inches in Ship.				Inches in Ship.			
SIDE GIRDERS, number on each side & thickness							two 38						" " " " Angle (clear of Bridge)							5 x 5 x 66				5 x 5 x 66				Inches in Ship.				Inches in Ship.				Inches in Ship.			
" state if flanged (top and bottom)							not flanged						" " " " Tie Plate at sides of Hatchways							Inches in Ship.				Inches in Ship.				Inches in Ship.				Inches in Ship.							
" Angles (top and bottom)							3 1/2	3 1/2	40	3 1/2	3 1/2	40	Deck * Iron or Steel, for full lng.							42 Iron				42 Iron				Inches in Ship.				Inches in Ship.				Inches in Ship.			
" to Floors							3	3	40	3	3	40	" Thickness (clear of Bridge)							34 steel				34 steel				Inches in Ship.				Inches in Ship.				Inches in Ship.			
MARGIN PLATE, depth (exclusive of flange) and thickness							35 x 46						" (in way of Bridge)							34 steel				34 steel				Inches in Ship.				Inches in Ship.				Inches in Ship.			
" Angle to Outside Plating							3 1/2	3 1/2	46	3 1/2	3 1/2	46	Wood Deck. Material & thickness							Inches in Ship.				Inches in Ship.				Inches in Ship.				Inches in Ship.							
" Floors							3 1/2	3 1/2	40	3 1/2	3 1/2	40	Second Deck Stringer Plate, br'dth & thickness							Inches in Ship.				Inches in Ship.				Inches in Ship.				Inches in Ship.							
" Brackets at intermdt. frmg. width & thcknss.							24						Angles on ditto, No.							Inches in Ship.				Inches in Ship.				Inches in Ship.				Inches in Ship.							
Height of Outside Brackets above at bilge							24						Tie Plates outside Hatchways							Inches in Ship.				Inches in Ship.				Inches in Ship.				Inches in Ship.							
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake							60 x 48						Deck * Iron or Steel, for lng.							Inches in Ship.				Inches in Ship.				Inches in Ship.				Inches in Ship.							
" in Engine and Boiler space							ES 48 B.S. 56						Wood Deck. Material & thickness							Inches in Ship.				Inches in Ship.				Inches in Ship.				Inches in Ship.							
" Remainder in Holds							40						Third Deck Stringer Plate, br'dth & thickness							Inches in Ship.				Inches in Ship.				Inches in Ship.				Inches in Ship.							
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel							9 1/2	3 1/2	56	9 1/2	3 1/2	56	Angles on ditto, No.							Inches in Ship.				Inches in Ship.				Inches in Ship.				Inches in Ship.							
" In way of Long Bridge							9	3 1/2	52	9	3 1/2	52	Tie Plates, outside Hatchways							Inches in Ship.				Inches in Ship.				Inches in Ship.				Inches in Ship.							
" Spacing							every frame						Deck * Material and thickness							Inches in Ship.				Inches in Ship.				Inches in Ship.				Inches in Ship.							
BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel							every frame						Fourth and Fifth Deck Stringer Plate, breadth & thickness							Inches in Ship.				Inches in Ship.				Inches in Ship.				Inches in Ship.							
" Spacing							every frame						Angles on ditto, No.							Inches in Ship.				Inches in Ship.				Inches in Ship.				Inches in Ship.							
BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel							every frame						Tie Plates outside Hatchways							Inches in Ship.				Inches in Ship.				Inches in Ship.				Inches in Ship.							
" Angles on upper edge							every frame						Deck. Material & thickness							Inches in Ship.				Inches in Ship.				Inches in Ship.				Inches in Ship.							
" Spacing							every frame						Poop Deck Stringer Plate, breadth & thickness							34 x 34				34 x 34				Inches in Ship.				Inches in Ship.							
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel							10	3 1/2	56	10	3 1/2	56	Angle on ditto							3 1/2 x 3 1/2 x 34				3 1/2 x 3 1/2 x 34				Inches in Ship.				Inches in Ship.							
" Angles on upper edge							alternate frames						Tie Plates							Inches in Ship.				Inches in Ship.				Inches in Ship.				Inches in Ship.							
" Spacing							alternate frames						Deck. Material and thickness							30 x 25 steel sheathed 5 x 2 1/2 p.p.				30 x 25 steel sheathed 5 x 2 1/2 p.p.				Inches in Ship.				Inches in Ship.							
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel							8 1/2	3 1/2	50	8 1/2	3 1/2	50	Bridge Deck Stringer Plate, br'dth & thickness							52 x 54				52 x 54				Inches in Ship.				Inches in Ship.							
" Angles on upper edge							alternate frames						Angle on ditto							4 1/2 x 4 1/2 x 56				4 1/2 x 4 1/2 x 56				Inches in Ship.				Inches in Ship.							
" Spacing							alternate frames						Tie Plates							Inches in Ship.				Inches in Ship.				Inches in Ship.				Inches in Ship.							
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel							10 1/2	3 1/2	56	10 1/2	3 1/2	56	Deck. Material and thickness							36 steel				36 steel				Inches in Ship.				Inches in Ship.							
" Angles on upper edge							alternate frames						Forecastle Deck Stringer Plate, b'dth & th'kns							34 x 34				34 x 34				Inches in Ship.				Inches in Ship.							
" Spacing							alternate frames						Angle on ditto							3 1/2 x 3 1/2 x 34				3 1/2 x 3 1/2 x 34				Inches in Ship.				Inches in Ship.							
" Spacing							alternate frames						Tie Plates							Inches in Ship.				Inches in Ship.				Inches in Ship.				Inches in Ship.							
" Spacing							alternate frames						Deck. Material and thickness							32 steel				32 steel				Inches in Ship.				Inches in Ship.							

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

[illegible]

EQUIPMENT No.						LETTER						ANCHORS.						TONNAGE U.D.K. OR PLATING NO. FOR TRAWLERS					
Number 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.	lbs.	Cwts.	lbs.	Tons.	cwts.	lbs.	Cwts.	qrs.	lbs.										
18133		1st Bower ...		57	1	0	-	-	46	15	2	14	56	1	0	H.L. Byers L.P.H.S. 25-5 14 Haffner							
18136		2nd ..		56	3	0	-	-	46	9	1	14	56	1	0	"							
17987		3rd ..		48	0	0	-	-	41	2	2	0	47	2	0	"							
		4th ..														7 4 14 "							
		Collective weight.		162	0	0					160	0	0										
18221		Stream		15	1	0	3	3	16	14	1	14	15	0	0	Common N. Hingly Bros L.P.H.S. 27-6 14 Haffner							
18222		Kedge.....		6	3	0	1	2	9	0	0	0	6	2	0	"							
CHAIN CABLES.																							
Number of Certificate.		Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.		Length and Size per Table 31.		Description.		Makers of Cables.		Where and when tested, and Superintendent.		Material							
		Fathoms. Ins.		Tons. Tons.		Cwts. qrs. lbs. Cwts. qrs. lbs.		Fathoms. Diam.															
7166		135 2 1/8		81 1/4 113 1/2		306 1 27 306 1 7		135 2 1/8		Steel Link		N. Hingly Bros L.P.H.S. 13-6 14 Haffner				POWLINE							
7167		135 2 1/8		"		306 0 10 306 1 7		135 2 1/8		"		"				HAWSERS & WARPS							
Iron Stream Chain or Steel Wire		90 4 1/2		39 1/2 60 2 1/2		90 4 1/2		90 4 1/2								2-90 2 1/2 12 1/2 2-90 2 1/2							
Boats 2 Lifeboats 27-0 - 1 Pig 16-0 - 1 Dinghy 16-0 Steering Gear, Steam fitted Steering Gear, Hand fitted																							
Pumps, Number 1 Dismantled Semi Rotary Diameter of Barrel 5 1/2 State whether they are in efficient working order yes																							
Windlass is Commerson Walker Steam Capstan																							
Engine Room Skylights.—How constructed? Steel plates and angles What arrangements for deadlights in bad weather? hinged flaps & bulls' eyes.																							
Coal Bunker Openings.—How constructed? " " How are lids secured? tarpaulins & rebates Height above deck? 30"																							
Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. 9 Scuppers each side 14 N.P. doors each side.																							
Ceiling in Holds, thickness and material 3/4" under hatch covers & bilges only Cargo Battens, thickness and material 7 x 2 w.p. pine																							
Cargo Hatchways.—How formed? Usual construction — Steel plates and angles Hatches, If strong and efficient? yes - 3" pine																							
State size No. 1 Hatch (Forward) 27 7/2 x 18-0 No. 2 Hatch 29-9 x 18-0 No. 3 Hatch 29-9 x 18-0 No. 4 Hatch 27 7/2 x 18-0																							
Number of Web Plates, Slifting Beams and Fore and Afters on each Hatch No. 1 + 4 = 4 webs No. 2 + 3 = 5 webs.																							
No. of Breasthooks 6 No. of Crutches Deep floors																							
Bulwarks, height above deck and description 48 x 25 Main Rail, material and size 6 x 3 x 7/8 built angle.																							
The foregoing is a correct description. Builder's Signature (here only) Surveyor's Signature N.A.Brydon.																							
Correspondence.—State dates and initials of letters respecting this case. Reference should be made in any correspondence connected with the case. 17. Oct. 10-1913.																							
Nov 21 st 1913 Nov 27 th 1913 Dec 26 th 1913 E Jan 1 st 1914. Freeboard assigned 30 July 1914.																							
Workmanship. Are the butts of plating planned or otherwise fitted? planned																							
Is the riveted work properly closed? yes																							
Are the liners between the frames and plates solid single pieces? jogged frames.																							
to plate, &c., conform well to each other? yes Do the holes for riveting plate to frames, butt straps, or plate from the faying 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. 2)? yes State results of tests satisfactory.																							
Have all the gutterways been tested as required by the Rules (Sec. 26, par. 2)? yes State results of tests satisfactory.																							
General Remarks (State quality of workmanship, &c.) The material and workmanship throughout are good.																							
This vessel has been built in accordance with the approved plans, the Secretary's letters as above dated and otherwise in compliance with the Rules of the Society.																							
The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans to be forwarded with F.E. Report showing vessel as built.																							
The amount of Entry Fee £ 5 : 0 : 0 Fees applied for, 21-9-1914																							
Special Survey Fee £ 125 : 0 : 6 Received by me. 207 9 14 28/7/14																							
Travelling Expenses, if any £ : : Certificate to be sent to Sld Date of issue 28/9/14.																							
State whether the Vessel has been built under Special Survey yes																							
I am of opinion this Vessel should be Classed 100 A.I																							
With, or without Freeboard, as condition of Class without																							
Committee's Minute FRI. SEP. 25. 1914																							
Character assigned 100A1																							
Signed and sealed. 28.9.14.																							

GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 33.37 ft., R.Q.D. ☒ ft., Bridge 233.75 ft., Forecastle 32.75 ft.
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated not joined

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 it should appear in the Register Book) 12* (S+L)

Official No. 136,206; 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

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	<u>116.10 1/2</u>	<u>335</u>	Fore peak tank,	<u>19.2</u>	<u>82</u>
Double bottom, under Engines and Boilers,			After peak tank,	<u>22.0</u>	<u>131</u>
Double bottom, if under Engines only,	<u>25.6</u>	<u>105</u>	Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	<u>163.7 1/2</u>	<u>547</u>	Other tanks, if fitted,		
	Total capacity of double bottom	<u>987</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. 5121

Date 3-11-13

No. 283 in builder's yard.

DATES of Surveys held while building

1913. Nov. 14-27. Dec. 12-15. Jan. 15-20. 26-28. 29-30. Feb. 2-4. 5-6. 13-16. 23-25.
Mar. 3-5. 9-12. 17-18. 19-26. 30. Apr. 1-2. 3-6. 9-17. 27-29. May 5-6. 7-12. 14-22. 27-29. Jun. 4-11. 12-15. 22-29. Jul. 1-2. 6-8. 14-17. 20-21. 23-24.
25-27. 29. Aug. 18-22. 27-28. Sept. 1-10. 14-15. 19.

Total No. of Visits 70

Surveyor's Signature

W.A. Brydon

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Lloyd's Register Foundation