

With or Without  
Disconnected Erections.

STEEL STEAMER.

TUE. JAN. 27. 1914  
Received at London Office

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

Date of completion of report 24<sup>th</sup> January 1914  
Survey held at South Shields  
On the (State if Single, Twin, or Triple Screw) single screw steel steamer ONWEN  
Tonnage under Tonnage Deck 4022.26  
Do. between Tonnage Dk. and 3rd and 4th Dk. 17.07  
Total under Upper Dk. 4022.26  
Do. of Poop 4.70  
Do. of Forecastle 46.56  
Do. of Houses on Dk. 103.66  
Do. of excess of Hatchways 55.68  
Do. above Crown of Engine Room 4249.93  
Gross Tonnage 91.15  
Less Crew Space 4158.78  
Less above Crown of Engine Room 1359.98  
Less Navigation Spaces 91.15  
Less Ballast 91.98  
Register Tonnage as cut on Beam 2706.82  
CLASS 100A1  
Breadth (greatest moulded) 50.79  
Depth, at middle of length from top of keel to top of upper deck beams at side 28.75  
Transverse Number 79.54  
Length on deck from fore part of stem to after part of stern post 363.0  
Longitudinal Number 28873  
Depth "d," at middle of length (See Secs. 2 & 13) 25.33  
Proportions—Depths to Length—Upper Deck Beam at side to top of keel 12.6  
" " Long Bridge Deck Beam at side to top of keel 10.1  
Master S. J. Jenkins  
Year of appointment (1) As Master in service of owner of present vessel—1901 (2) As Master of this vessel—1914  
Built at South Shields  
When built 1914 Launched 27<sup>th</sup> Nov. 1913  
By whom built J. Readhead & Sons Ltd  
Owners W. H. J. Jones S. S. Co. Ltd.  
Managers (Where necessary to be entered in Reg. Book.)  
Residence Cardiff  
Port belonging to Cardiff  
Destined Voyage Mediterranean If Surveyed while Building, Afloat, or in Dry Dock Yes.

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
363 0			50 9 1/2			28 7 1/2			One	One
Moulded depth, ft. 35 ins. 9 To Bridge Dk. Round of Upper Dk. Beam, Actual 12 ins.										
Moulded depth, ft. 28 ins. 9 To Upper Dk.										
Dimensions of Ship per Register, Length 363.1 breadth 51.0 depth 26.35										
FRAMING.						PILLARS.				
FRAME, Angles, or E or L Bars amidships						PILLARS, In 'tween Deck, size and spacing				
Do. in peaks	12	3 1/2	62	12	3 1/2	62	23	56	23	56
Do. in way of Double Bottoms at Solid Floors	6	3 1/2	40	6	3 1/2	40	30	plating with		
Do. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	40	3 1/2	3 1/2	40	11	3 1/2	58	bulb angles
Do. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	46	3 1/2	3 1/2	46	for 4 and 7 1/2	3	50	ft
Spacing of Frames from centre to centre amidships	28			28						
Do. in way of Double Bottoms at Solid Floors	28			28						
Do. in way of Double Bottoms at Solid Floors	26			26						
REVERSED FRAME, Angles, in peaks	4	3 1/2	40	4	3 1/2	40				
Do. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	40	3 1/2	3 1/2	40				
Do. in way of Double Bottoms at Solid Floors	5 1/2	3 1/2	46	5 1/2	3 1/2	46				
FRAMING, depth of girder	bulb angles			12						
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships	50	48		50	48					
Do. in way of Engine and Boiler Spaces	38			38						
Do. thickness at the ends of vessel in peaks										
Do. depth at 1/2 the half breadth, as per Rule										
Do. height extended at the Bilges										
FLOORS in Cell. Double Bottoms	40			40						
Do. state if flanged (top & bottom)	40			40						
Do. Spacing of Solid floors	41	50		41	50					
CENTRE GIRDER, in Dbl. bottom, depth & thickness	4 1/2	4 1/2	58	4 1/2	4 1/2	58				
Do. Angles, Top	4 1/2	4 1/2	58	4 1/2	4 1/2	58				
Do. Angles, Bottom	4 1/2	4 1/2	58	4 1/2	4 1/2	58				
Do. to Floors	5	5	54	5	5	54				
Do. Brackets at intermdt. frmg., width & thkns	19	40		19	40					
SIDE GIRDERS, number on each side & thickness	three	36		three	36					
Do. state if flanged (top and bottom)	on top only									
Do. Angles (top and bottom)	3 1/2	3 1/2	38	3 1/2	3 1/2	38				
Do. to Floors	3	3	38	3	3	38				
MARGIN PLATE, depth (exclusive of flange) and thickness	40	44		40	44					
Do. Angles to Outside Plating	3 1/2	3 1/2	44	3 1/2	3 1/2	44				
Do. Floors	5	3 1/2	38	5	3 1/2	38				
Do. Brackets at intermdt. frmg., width & thkns	18	40		18	40					
Do. Height of Outside Brackets above at bilge	50			50						
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	74	50		74	50					
Do. in Engine and Boiler space	88	56		88	56					
Do. Remainder in Holds	40			40						
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	9	3 1/2	56	9	3 1/2	56				
Do. In way of Long Bridge	8 1/2	3 1/2	52	8 1/2	3 1/2	52				
Do. Spacing	28			28						
BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel										
Do. Spacing										
BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel										
Do. Angles on upper edge										
Do. Spacing										
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	6 1/2	3	40	6 1/2	3	40				
Do. Angles on upper edge										
Do. Spacing	28			28						
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	8 1/2	3	48	8 1/2	3	48				
Do. Angles on upper edge										
Do. Spacing	28			28						
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	8 1/2	3	48	8 1/2	3	48				
Do. Angles on upper edge										
Do. Spacing	28			28						
If Iron or Steel Deck, state if whole or part, and if Wood Deck is laid thereon.										

Lloyd's Register

Foundation

W 44-0089 (7/2)

[illegible]

EQUIPMENT No. 20100				LETTER X				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.	
		Wts.	qrs.	lbs.	Owts.	qrs.	lbs.	Tons.	qrs.	lbs.	Owts.	qrs.	lbs.				
70248	1st Bower	57	2	0	-	-	-	46	12	3	0	56	2	0	Shantlome's Stockless	Hingleythons	N. 31/10/13 St. Green
70247	2nd "	54	3	12	-	-	-	45	7	2	0	54	2	0	"	"	"
70249	3rd "	48	0	7	-	-	-	41	4	0	7	49	9	0	"	"	"
	4th "														"	"	"
	Collective weight:	160	1	25	(over)							160	0	0			
70119	Stream	15	1	2	3	25	16	16	2	7	15	0	0	Ordinary	Hingleythons	N. 10/10/13 St. Green	
70118	Kedge	6	2	0	1	3	0	8	15	0	7	6	2	0			

  

CHAIN CABLES.										HAWERS AND WARPS.														
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.		Length and Size supplied.		Breaking Test of Steel Wire.		Length and Size per Table 31.		
		Length.	Diam.	Stain.	Break.	Supplied.	Per Rule.	Length.	Diam.									Length.	Cir.	Tons.	Fathoms.	Length.	Cir.	
		Fathoms.	Ins.	Tons.	Ins.	Owts.	qrs.	lbs.	Owts.	qrs.	lbs.	Fathoms.	Ins.					Fathoms.	Ins.	Tons.	Fathoms.	Fathoms.	Ins.	
53457	135	2 1/2	8 1/4	113 1/2	305-1-10608-2-14	270	2 1/2	8 1/4	113 1/2	305-1-10608-2-14	270	2 1/2	8 1/4	113 1/2	305-1-10608-2-14	270	2 1/2	8 1/4	113 1/2	305-1-10608-2-14	270	2 1/2	8 1/4	113 1/2
53461	2090	4 1/2	39	610	332	90	4 1/2	39	610	332	90	4 1/2	39	610	332	90	4 1/2	39	610	332	90	4 1/2	39	

Steel wires certified by Shalburn Rope Works Ltd.

  

Boats		Steering Gear, Steam		Steering Gear, Hand	
Two lifeboats and two working boats	Two lifeboats and two working boats	Steering Gear, Steam	Steering Gear, Hand	Steering Gear, Steam	Steering Gear, Hand

Pumps, Number One Down to five pump.

Windlass is Emerson Walker's D.A. quick winding.

Engine Room Skylights.—How constructed? Steel plates and angles. What arrangements for deadlights in bad weather? Steel plates and angles.

Coal Bunker Openings.—How constructed? Steel plates and angles. How are lids secured? Cleats and bolts. Height above deck: 12 ft. 4 in.

Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. Scuppers each side and 6 freeing ports 3'-0" x 1'-0".

Ceiling in Holds, thickness and material. 3" pine.

Cargo Hatchways.—How formed? Steel plates and angles.

State size No. 1 Hatch (Forward) 28'-0" x 19'-11 1/2". No. 2 Hatch 30'-4" x 19'-11 1/2". No. 3 Hatch 21'-0" x 14'-0". No. 4 Hatch 30'-4" x 19'-11 1/2".

Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch 14 web plates to No. 1 and 5. No. 2 28'-0" x 19'-11 1/2".

Switch plates to No. 2 and 4, three to No. 3 hatch.

Bulwarks, height above deck and description 4'-2" x 20 steel.

The foregoing is a correct description of JOHN HEADHEAD & SONS LIMITED.

Builder's Signature (here only) John Headhead

Surveyor's Signature J. Macdonald

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. 7/10/12, 11/10/12, 31/1/13, E 5/9/13.

Workmanship. Are the butts of plating planed or otherwise fitted? Planed and lapped.

Is the riveted work properly closed? Yes

Are the liners between the frames and plates solid single pieces? Joggled frames

to plate, &c., conform well to each other? Yes

from the faying surfaces? Yes

Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces? very few.

Are the butts of Plating, Stringers, &c., properly shifted and strapped or lapped. Yes

Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? Yes

State results of tests Good

Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? Yes

State results of tests Good

General Remarks (State quality of workmanship, &c.) This vessel has been constructed in accordance with the approved plans, the Secretary's letters as mentioned above and in general conformity with the requirements of the Rules. The materials and workmanship are good. The tunnel has been tested and found to be satisfactory. The approved plans (three in number) are forwarded herewith. The 3rd Bower anchor is slightly lighter than the Rules Requirements, but the total weight of the three bower being in excess of the Rules, this anchor is submitted for the Committee's approval. This is a sister vessel to the S/s "Dromedary" No. Rpt. No. 65202.

Midship Section

Profile & Deck plan

Pumping plan.

  

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

The amount of Entry Fee £ 5 : 0 : 0

Special Survey Fee £ 123 : 19 : 6

Travelling Expenses, if any £ :

GENERAL REMARKS—(continued).

*[Faint, mostly illegible handwritten text in the upper section of the form, likely bleed-through from the reverse side.]*

**PARTICULARS FOR RECORD in the REGISTER BOOK.**—Length of Poop 32.4 ft., R.Q.D. — ft., Bridge 109.6 ft., Forecastle 34.1 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 should appear in the Register Book) 105 (pt stl and pt dm)  
Official No. 132897; Signal Letters \_\_\_\_\_ State if Machinery is fitted aft no  
How are the surfaces preserved from oxidation? Inside Cement and paint Outside 2 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. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	<u>109.66</u>	<u>323</u>	Fore peak tank,	<u>19.33</u>	<u>7</u>
Double bottom, under Engines and Boilers,	<u>42.00</u>	<u>161</u>	After peak tank,	<u>13.00</u>	<u>6</u>
Double bottom, if under Engines only,	—	—	Deep tank, aft,	—	—
Double bottom, if under Boilers only,	—	—	Deep tank, forward,	—	—
Double bottom, forward,	<u>161.00</u>	<u>533</u>	Other tanks, if fitted.	—	—
Total capacity of double bottom		<u>1017</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. 4434  
Date 13. 6. 1913  
No. 438 in builder's yard.  
Dates of Surveys held while building  
1913 May. 29. Jun 30 Jul. 2. 28 Aug 5. 15. 22. 27. Sep. 1. 4. 5. 10. 16. 18. 24 Oct 24. 27. 29. 31. Nov. 3. 5. 7. 12. 19. 20. 24. Dec. 12. 19. 30 Jan 7. 8. 15. 16

Surveyor's Signature

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