

REPORT ON BOILERS.

(LLOYDS REGISTER.)

G. R. 130
Lloyds.

VESSELS OF 100 TONS AND UPWARDS.

These particulars are supplied by the Registrar General of Shipping and Seamen for the sole use of Lloyds Register of British and Foreign Shipping.

Signal Letters (if any) *H.L.M.J.*

Official Number.	Name of Ship.	No., Date, and Port of Registry.
123 949.	" <i>Arnell</i> "	<i>6/1907</i> <i>Sunderland.</i>

No., Date, and Port of Previous Registry (if any).

Whether British or Foreign Built.	Whether a Sailing or Steam Ship; and if a Steam Ship how propelled.	Where Built.	When Built.	Name and Address of Builders.
<i>British</i>	<i>Steam Screw</i>	<i>Sunderland</i>	<i>1907</i>	<i>Jos. L. Thompson & Sons Ltd Sunderland.</i>

			Feet.	Tenths.
Number of Decks	<i>One</i>	Length from fore part of stem, under the bowsprit, to the aft side of the head of the stern post	<i>34 6</i>	<i>—</i>
Number of Masts	<i>Two</i>	Length at quarter of depth from top of weather deck at side amidships to bottom of keel	<i>34 5</i>	<i>44</i>
Rigged	<i>Schooner</i>	Main breadth to outside of plank	<i>49</i>	<i>5</i>
Stern	<i>Elliptical</i>	Depth in hold from tonnage deck to ceiling at midships ...	<i>25</i>	<i>35</i>
Build	<i>Clincher</i>	Depth in hold from upper deck to ceiling at midships, in the case of three decks and upwards	<i>—</i>	<i>—</i>
Galleries	<i>None</i>	Depth from top of beam amidships to top of keel	<i>28</i>	<i>93</i>
Head	<i>None</i>	Depth from top of deck at side amidships to bottom of keel ...	<i>28</i>	<i>80</i>
Framework and description of vessel	<i>Steel three deck Rule</i>	Round of beam	<i>—</i>	<i>98</i>
Number of Bulkheads	<i>Six</i>	Length of engine room (if any)	<i>47</i>	<i>9</i>
Number of water ballast tanks, and their capacity in tons ...	<i>seven 107 2 tons.</i>			

PARTICULARS OF DISPLACEMENT.

Total to quarter the depth from weather deck at side amidships to bottom of keel ... }	<i>82 15 tons.</i>	Ditto per inch immersion at same depth }	<i>34.25 tons.</i>
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PARTICULARS OF ENGINES (if any).

No. of Engines.	Description.	Whether British or Foreign made.	When made.	Name and Address of Makers.	No. of and Diameter of Cylinders.	Length of Stroke.	N. H. P. I. H. P. Speed of Ship.
<i>Three</i>	<i>Triple Expansion</i>	<i>British</i>	<i>1907</i>	<i>John Dickinson & Sons Ltd Sunderland</i>	<i>Three 25" 42" 68"</i>	<i>48"</i>	<i>350 1650 9 1/2 Knots.</i>
	<i>Boilers. Two</i>						
	<i>Number. Two</i>						
	<i>Iron or Steel. Steel</i>						
	<i>Pressure when loaded. 180 lbs</i>						

PARTICULARS OF TONNAGE.

GROSS TONNAGE.	No of Tons.	DEDUCTIONS ALLOWED.	No. of Tons.
Under Tonnage Deck	<i>3635.13</i>	On account of space required for propelling power	<i>1220.18</i>
Closed-in spaces above the Tonnage Deck, if any	<i>2.82</i>	On account of spaces occupied by Seamen or Apprentices, and appropriated to their use, and kept free from goods or stores of every kind, not being the personal property of the Crew	
Space on spaces between <i>Bridge (house in)</i>		These spaces are the following, viz.:—	
Poop	<i>36.24</i>	<i>Seamen & Fireman 33.93</i>	<i>73.17.</i>
Forecastle	<i>62.68</i>	<i>Engineers & Officers 39.24</i>	
Round House	<i>3.62</i>	Deductions under Section 79 of the Merchant Shipping Act, 1894, as follows:—	
Other closed-in spaces, if any, as follows:—	<i>46.20</i>	<i>Master's Accommodation 8.02</i>	
<i>Chart House</i>	<i>26.38</i>	<i>Boat's Store allowance 38.13</i>	<i>86.35</i>
<i>Excess of Hatchways</i>	<i>3813.07</i>	<i>Cubic Metres Chart House 3.62</i>	
Spaces for machinery, and light, and air, under Section 78 (2) of the Merchant Shipping Act, 1894, if required.	<i>1379.70</i>	<i>Water Ballast Space 36.58</i>	
Gross Tonnage	<i>2433.57</i>	Total Deductions ...	<i>1379.70</i>
Deductions, as per Contra			
Registered Tonnage			

Name of Master

Certificate of { Service No. Competency No.

No. of Owners

Name, Residence, and Description of Managing Owner if there are more owners than one.

M.O. William Robert Rea of 80 High Street Belfast } *64*
The Only Spaces above the Upper Deck clear: Shipowner } *Sixty four shares*

Forecastle Passages 30.3 length. 11.78 tons
Bridge Space 94.0 " 197.87 "
Poop 33.0 " 75.68 "

Dated *7th September 1907*



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