

# 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.
123949.	"Arnell"	6/1907 Sunderland.

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.
British	Steam Screw	Sunderland	1907	Geo. L. Thompson & Sons Ltd Sunderland.

		Length from fore part of stem, under the bowsprit, to the aft side of the head of the stern post ... ..	Feet.	Tenths.
Number of Decks ... ..	One		346	—
Number of Masts ... ..	Two			
Rigged ... ..	Schooner	Length at quarter of depth from top of weather deck at side amidships to bottom of keel ... ..	345	44
Stern ... ..	Elliptical	Main breadth to outside of plank ... ..	49	5
Build ... ..	Clincher	Depth in hold from tonnage deck to ceiling at midships ...	25	35
Galleries ... ..	None	Depth in hold from upper deck to ceiling at midships, in the case of three decks and upwards ... ..	—	—
Head ... ..	None	Depth from top of beam amidships to top of keel ... ..	28	93
Framework and description of vessel ... ..	Steel three deck Rule	Depth from top of deck at side amidships to bottom of keel	28	80
Number of Bulkheads ... ..	Six	Round of beam ... ..	—	98
Number of water ballast tanks, and their capacity in tons ...	seven 1072 tons.	Length of engine room (if any) ... ..	47	9

#### PARTICULARS OF DISPLACEMENT.

Total to quarter the depth from weather deck at side amidships to bottom of keel ... }	8215 tons.	Ditto per inch immersion at same depth ... ..	34.25 tons.
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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.
Three	Triple Expansion	British	1907	John Dickenson & Sons Ltd Sunderland	Three 25"	48"	350 1650 9 1/2 Knots.
	Boilers. Number two Iron or Steel Pressure when loaded		Do			42" 68"	

#### PARTICULARS OF TONNAGE.

GROSS TONNAGE.		No of Tons.	DEDUCTIONS ALLOWED.	No. of Tons.
Under Tonnage Deck ... ..		3635.13	On account of space required for propelling power	1220.18
Closed-in spaces above the Tonnage Deck, if any	Bridge (house in)	2.82	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 or spaces between Decks ... ..			These spaces are the following, viz.:—	
Poop ... ..		36.24	Seamen & Firemen 33.93	73.17.
Forecastle ... ..		62.68	Engineers & Officers 39.24	
Round House ... ..		3.62	Deductions under Section 79 of the Merchant Shipping Act, 1894, as follows:—	
Other closed-in spaces, if any, as follows:—	Chart house	46.20	Master's Accommodation 8.02	86.35
	Excess of Hatchways	26.38	Boiler's Store allowance 38.13	
Spaces for machinery, and light, and air, under Section 78 (2) of the Merchant Shipping Act, 1894, if required.		3813.07	Chart House 3.62	
Gross Tonnage ... ..		10790.99	Water Ballast Space 36.58	
Deductions, as per Contra ... ..		1379.70	Total Deductions ...	1379.70
Registered Tonnage ... ..		2433.57		

Name of Master	Certificate of Service No. Competency No.
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No. of Owners  
Name, Residence, and Description of Managing Owner if there are more owners than one.  
**MO. 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

