

Awning or Shelter Deck,

or Pl. Awning Deck

STEEL STEAMER.

No. 255

Port of Belfast

Date of completion of Report 14th July 1913

Received at London Office TUE JUL 15 1913

Survey held at Belfast

Date, First Survey 17th May 1913Last Survey 10th July 1913

On the Triple Screw Steamer

"KATOOMBA"

Rig fore and aft schooner.

TONNAGE under

CLASS 100 A, "Awning Deck"

FRET.

Master E. L. D. M. Heddle.

Do. between Tonnage Dk and

Breadth (greatest moulded) 60.00

Year of Appointment (1) As Master in service of owner of present vessel: 1911

3rd, 4th, or Awning Dk. 1884.58

Depth, at middle of length from top of keel to top of

Built at Belfast.

Total under Upper Dk. 6825.84

beams at side of uppermost Continuous Deck 37.75

When built 1913 - 7 mo. Launched 10th April 1913.

Do. of Bridge House 1280.68

Deduct height of "tween deck when this does not exceed 8ft. 8.00

By whom built Harland & Wolff Ltd.

Do. of Forecastle 146.94

Transverse Number 89.75

Owners Mr. Glavin, Mr. Bacher, & Co.

Do. of House on Deck 575.85

Length on deck from fore part of stem to after part of

Managers

Do. of Hatchways 7.36

sternpost 450

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

Do. above Crown of Engine Room 207.90

Longitudinal Number 40387

Residence

Gross Tonnage 9423.83

Depth "d" at middle of length. See Secs. 2 & 13 17.42

Port belonging to Melbourne.

Crew Space 477.82

Proportions, Depths to Length, Uppermost Continuous

Engine Room 207.90

Deck at side to top of keel 11.92

Tonnage for Fees 8738.11

" " Bridge Deck at side

Engine Room 3373.98

" " to top of keel 9.78

Navigation Spaces 72.78

Net Tonnage 5499.25

Destined Voyage Glasgow to load for

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

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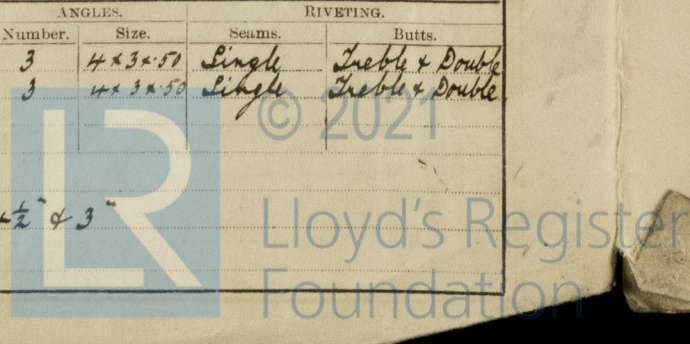
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WEB FRAMES. WEB-FRAMES, In Fore Body, No. and spacing. WEB-FRAMES, In E. & B. Space, No. & spacing. WEB-FRAMES, In After Body, No. and spacing. BRACKET PLATES to Stringers between Web Frames, depth and thickness. BULKHEADS. W.T. BULKHEADS. COLLISION PARTITION LONGITUDINAL. FORGINGS OR CASTINGS. KEEL, Bar, depth and thickness. STEM, moulding and thickness. STERN-POST for Rudder do. do. for Propeller. RUDDER-A x D. Table 22. Speed. Main-Piece, diameter at head. at heel. RUDDER, how constructed. Thickness of Plates or Single Plate. Can the Rudder be unshipped afloat? Manufacturer's name or trade mark of the Iron or Steel. Plates, Plating, &c. Has the Steel been tested as required by the Rules? PLATING. STRAKES. FLAT PLATE KEEL. GARBOARD OR A Strake. B. C. D. E. F. G. H. J. K. L. M. N. O. P. Q. R. S. T. U. V. W. THICKNESS OF SHEER STRAKE. CLEAR OF LONG BRIDGE. DO. OF STRAKE BELOW. DBLG. of Flat Plate Keel. POOP SIDES. SHORT BRIDGE SIDES. FORECASTLE SIDES. RIVETING. EDGES. BUTTS. SHEER. Bridge Side. Butts, Treble riveted for full length amidship. Straps, single or overlapped for full length amidship. Upper Deck Stringer Plate. Butts, Treble riveted for full length amidship. Straps, single or overlapped for full length amidship. Butts of Side Stringers. Treble riveted. Inner Bottom Plating, riveting of Edges. Centre Girder Butts, Treble riveted. Frames, riveted through Plates with 1" in. Rivets, about 5 1/2" apart. Rivets, state whether Iron or Steel. FRAMES extend in one length from Centre Line to Margin and thence to gunwale. REVERSED FRAMES on floors and frames extend from middle line to margin and thence on channel frames outside machinery, spare to 2nd or Lower Deck Beams. MASTS, SPARS, & C. LOWER MASTS. Fore. Main. Mizzen. Bowsprit. Topmasts, Yards and Remainder of Spars. Rigging, Material and Size, Shrouds. Sails. none. Suit of. Sails, and the following spare sails.

Write "Awning or Shelter Deck" "Shower Strake" opposite its corresponding letter.



EQUIPMENT No <i>47256</i> LETTER <i>d+</i> ANCHORS.																	
Number of Certificate.	Anchors	WEIGHT, <i>in Stock</i>			WEIGHT OF STOCK <i>on head</i>			TEST, PER CERTIFICATE.				WEIGHT REQ. 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.			
<i>68628</i>	1st Bower	<i>82</i>	<i>0</i>	<i>14</i>	<i>31</i>	<i>1</i>	<i>21</i>	<i>60</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>81</i>	<i>1</i>	<i>0</i>	<i>Halls Patent Hookless</i>	<i>N. Hingley & Sons</i>	<i>Netterton 28-12-12</i>
<i>68629</i>	2nd „	<i>81</i>	<i>3</i>	<i>26</i>	<i>31</i>	<i>1</i>	<i>9</i>	<i>59</i>	<i>10</i>	<i>0</i>	<i>0</i>	<i>81</i>	<i>1</i>	<i>0</i>	<i>"</i>	<i>"</i>	<i>28-12-12</i>
<i>68640</i>	3rd „	<i>70</i>	<i>3</i>	<i>19</i>	<i>24</i>	<i>0</i>	<i>5</i>	<i>54</i>	<i>5</i>	<i>0</i>	<i>0</i>	<i>69</i>	<i>2</i>	<i>0</i>	<i>"</i>	<i>"</i>	<i>H. Green Supt.</i>
	Collective weight	<i>235</i>	<i>0</i>	<i>3</i>								<i>232</i>	<i>0</i>	<i>0</i>			
<i>68638</i>	Stream	<i>23</i>	<i>3</i>	<i>25</i>	<i>6</i>	<i>0</i>	<i>16</i>	<i>23</i>	<i>17</i>	<i>2</i>	<i>0</i>	<i>23</i>	<i>2</i>	<i>0</i>	<i>Rodgers.</i>	<i>N. Hingley & Sons</i>	<i>Netterton 31-12-12</i>
<i>68639</i>	Kedge	<i>11</i>	<i>3</i>	<i>0</i>	<i>3</i>	<i>0</i>	<i>11</i>	<i>13</i>	<i>12</i>	<i>2</i>	<i>0</i>	<i>11</i>	<i>0</i>	<i>0</i>	<i>Rodgers.</i>	<i>N. Hingley & Sons</i>	<i>Netterton 31-12-12</i>

If Patent State Name of Patentee.

Stocks, Gate Mechanical Tests.

CHAIN CABLES.													HAWSERS AND WARPS.							
Number of Certificate.	Length and Size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.				Fathoms 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.	Fathoms and size per Table 31.		
	Length.	Diam.	Statio- tory.	Break- ing.	Supplied.	Per Rule.	Length.	Diam.	Length.	Cir.					Length.	Cir.		Length.	Cir.	
50193	150	2 1/2	12.5	154.5	472.0	233			300	2 1/2	Stud.	N Hingley & Sons	Netterton 28-12-12	TOWLINE	130	6	55 ✓	130	6	
50188	150	2 1/2	12.5	154.5	471.2	1940.0	0.0	300	2 1/2	Stud.	-	-	28-12-12	HAWSERS & WARPS	4 coils		4 coils at			
	300				943.3	14							H. Green Supt.							
Iron Steam Cables Steel Wire...	120	5/8	65					120	5/8	Flexible	Bullivant & Co			"	120	3	26.2	100 fms 8"		
														"	4 coils		2 1/4			
														"	120	2 1/2	18.2	Test 15 1/2 tons		

Boats *14 Life Boats 2 Cutters.*
Pumps, Number *2*
Windlass is *Clark Chapmans Patent, steam direct.*
Engine Room Skylights.—How constructed? *Steel Plates and angles.* What arrangements for deadlights in bad weather? *Bulls eyes and shutters.*
Coal Bunker Openings.—How constructed? *Side Ports.* How are lids secured? *Studs close spaced.* Height above deck? *✓*
Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. *7 Scuppers each side of Freeing Ports, each side 36" x 12"*
Ceiling in Holds, thickness and material *White Pine 2 1/2" over timbers only.* Cargo Battens, thickness and material *6" x 2" W Pine berth & space.*
Cargo Hatchways.—How formed? *Steel Plates and angles.* *Collings 30"* Hatches, If strong and efficient? *Yes.*
State size No. 1 Hatch (Forward) *12' 8 1/2" x 12' 0"* No. 2 Hatch *20' 4" x 16' 0"* No. 3 Hatch *10' 2" x 12' 0"* No. 4 Hatch *15' 3" x 12' 0"*
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch *One web and one I beam in No. 1. Two webs and two I beams in No. 2 one I beam in No. 3, one web and two I beams in No. 4 & 5* No. of Breasthooks *5* No. of Crutches *Deep Floors.*
Bulwarks, height above deck and description *4' 3" x 34" Steel.* Main Rail and Stays, material and size *6 x 3 x 50 B. 2. Stays 1 3/4" & 2"*
The foregoing is a correct description. **For HARLAND & WOLFF Ltd.** Surveyor's Signature *C. J. Kendall*
Builder's Signature (here only) *Chas. Payne* Secretary to Lloyd's Register of British and Foreign Shipping.

Correspondence.—State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with this case)
M 22-12-11, 17-1-12, 24-1-12, 11-3-12, 15-4-12, E 3-2-13.

Workmanship. Are the butts of plating planed or otherwise fitted? *Planed*
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 faying surfaces? *Yes.* Do any rivets break into or through the seams or butts of the plating? *very few.*
Are the butts of Plating, Stringers, &c., properly shifted and strapped? *Yes.* State results of tests *satisfactory.*
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.*

General Remarks (State quality of workmanship, &c.)
This vessel has been built in accordance with the approved plans, the Secretary's letters of the aforementioned dates and in other respects in general conformity with the Rules and the workmanship and materials are good throughout.
The keel was sighted before launching and found straight.
The cement in double bottom is laid over the outer strakes of shell plating only except in way of compartments under the boilers where the inner and outer strakes are covered with cement. The remainder of bottom plating is thickly coated with cement wash.
The approved plans three in number together with seven forging and steel casting reports are forwarded herewith.

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

The amount of Entry Fee £ *5 : 0 : 0* Fees applied for, *8th July 1913*
Special Survey Fee.... £ *243 : 9 : 0* Received by me, *12th July 1913, SJK*
Travelling Expenses, if any £ : :
State whether the Vessel has been built under Special Survey *Yes*
I am of opinion this Vessel should be Classed *100 A, "Awning Deck"*
With, or without Freeboard, as condition of Class *With freeboard*
Certificate to be sent to *This Office.* Date of issue *18/7/13.*
C. J. Kendall
Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute *FRI. JUL. 18, 1913*
Character assigned *100 A*
awng dk. with fbd
Lloyd's at CP
thmc 7.13
W.
0126 1/2

GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. ☒ ft., Bridge 25⁷/₈ ft., Forecastle 8³/₈ 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 in the Register Book) 2 Dks (Hk) and 3rd Dk (Hk) in No. 1 Hold. and deep framing and Aung Dk (Hk) — Plate K —
Official No. ☒ ; Signal Letters _____ State if Machinery is fitted aft no.
How are the surfaces preserved from oxidation? Inside Paint & Portland Cement. Bitumastic Outside Paint.

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

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	89	148	Fore peak tank,		71
Double bottom, under Engines and Boilers,	122	469	After peak tank,		54
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	171	445	Other tanks, if fitted,		
	Total capacity of double bottom	1062	(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. 562

Date 14th June 1912

No. 437 in builder's yard.

DATES of Surveys held while building

1912 May 17-28-29-31 June 4-11-13-17-19-25-27 July 1-3-5-9-11-23 Aug 1-6-28 Sept 2-9-16
Sept 23-25-30 Oct 8-11-16-17-18-22-24-28-29-30 Nov 1-5-8-13-15-19-22-25-27-29
Dec 3-7-9-12-18-20-30 1913 Jan 2-3-7-9-10-13-16-20-23-24-25-27-29 Feb 3-7-12-14-18-20-24-25-27
Mar 7-10-12-14-18-21-26-28 April 1-3-5-7-8-9-23-24 May 5-6-14-20-23-30 June 2-6-9-11
June 20-23-25 July 8-9-10

Total No. of Visits 109

Surveyor's Signature P. Kendall

Lloyd's Register Foundation