

Awning or Shelter Deck,  
or Pt. Awning Deck.

STEEL STEAMER.

No. 1999

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

Port of *Rohé* Date of completion of Report *28<sup>th</sup> March 1917* Received at London Office *SAT. 12 MAY. 1917*

Survey held at *Rohé* Date, First Survey *17<sup>th</sup> April 1916* Last Survey *27<sup>th</sup> March 1917*

On the *Steel Twin Screw Steamer "Halle date"* Rig *2 masts.*

TONNAGE under *6894.71* CLASS *+100A1 Shelter deck.* FEET. *WAR KING* Master *J. Williams*

Do. between Tonnage Dk. and *1962.68* Breadth (greatest moulded) *61.00* Year of Appointment *(1) As Master in service of owner of present vessel: -1917*

Total under Upper Dk. *138.35* Depth, at middle of length from top of keel to top of beams at side of uppermost Continuous Deck *40.75* (2) As Master of this vessel: -1917

Do. of Poop *70.66* Deduct height of 'tween deck when this does not exceed 8ft. *32.75* Built at *Rohé*

Do. of R. Gr. Dk. *292.26* Transverse Number *93.75* When built *1917* Launched *8<sup>th</sup> Feb. 1917*

Do. of Bridge House *37.75* Length on deck from fore part of stem to after part of sternpost *475.00* By whom built *The Rawasani Dryd Co. Ltd*

Do. of Forecastle *9394.41* Longitudinal Number *44531* Owners *Messrs Furness Withy & Co*

Do. of Houses on Deck *19.4* Depth "d" at middle of length. See Secs. 2 & 13. *11.66* Managers *(Where necessary to be entered in Reg. Book.)*

Do. of excess of Hatchways *14.4* Proportions, Depths to Length, Uppermost Continuous Deck at side to top of keel *14.4* Residence *Port belonging to*

Do. above Crown of Engine Room *Destined Voyage Australia* If Surveyed while Building, Afloat, or in Dry Dock *Building*

Gross Tonnage *Less Crew Space* *Less above Crown of Engine Room*

TONNAGE FOR FEES. *Less Engine Room* *Less Navigation Spaces*

Register Tonnage *as cut on Beam*

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EQUIPMENT No. 48242 LETTER d†																	
ANCHORS.																	
Number of Certificate.	Anchors.	WEIGHT, EX STOCK			WEIGHT OF STOCK			TEST, PER CERTIFICATE.				WEIGHT REP. 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.			
46444	1st Bower	74	3	7	Stockless			57	12	2	0	77	1	10	John Green & Co. Ltd.	John Green	Ltpton 30 May 1916 C.E.P.
46467	2nd "	74	3	10	do			57	12	2	0	77	1	9	do	do	do 26 May 1916 do
46468	3rd "	74	2	14	do			57	8	3	0	77	1	9	do	do	do do do
	Collective weight	233	1	3								233	1	0			
46447	Stream	23	3	10	6	0	14	23	15	2	14	23	2	0	Ordinary W.I.	do	do 24 May 1916 do
46446	Kedge	11	0	0	3	0	0	12	17	2	0	11	0	0	do	do	do do do

CHAIN CABLES.															
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.	Material.	Length and Size supplied.	Breaking Test of Steel Wire.	Fathoms and size per Table 31.
			Supplied.	Per Rule.	Per Rule.	Fathoms.	Size.	Fathoms.							
48715	300 2½	112½ 13½	949	2	3940	0	0	300 2½	Steel Laid John Green	Ltpton 18/5/16 C.E.P.	"	"	2-100 8"	2-100 8"	2-100 8"
Iron Stream Chain or Steel Wire	120 5½	65 ✓			120 5½	S.W.	Lo Res Sunk	Marsden 27/5/16	"	"	"	"	2-100 8"	2-100 8"	2-100 8"

HAWERS 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.	Material.	Length and Size supplied.	Breaking Test of Steel Wire.	Fathoms and size per Table 31.
			Supplied.	Per Rule.	Per Rule.	Fathoms.	Size.	Fathoms.							
48715	300 2½	112½ 13½	949	2	3940	0	0	300 2½	Steel Laid John Green	Ltpton 18/5/16 C.E.P.	"	"	2-100 8"	2-100 8"	2-100 8"
Iron Stream Chain or Steel Wire	120 5½	65 ✓			120 5½	S.W.	Lo Res Sunk	Marsden 27/5/16	"	"	"	"	2-100 8"	2-100 8"	2-100 8"

Boats 4 keels 26'4" x 8'25" x 3'35". 2 Lemna 19'25" x 4'65" x 2'0". Steering Gear, Steam Matic. Steering Gear, Hand by Builders.  
Pumps, Number 2 Downer 5½ dia 16 all compartments. Diameter of Barrel 3'6" F.P. State whether they are in efficient working order "yes"  
Windlass is by Emerson, Walker & Thompson. Capstan Combined.  
Engine Room Skylights.—How constructed? Plates tangles. What arrangements for deadlights in bad weather? Glass in steel frames  
Coal Bunker Openings.—How constructed? Plate coverings. How are lids secured? 23 hatch boards Height above deck? 30"  
Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. Scup. 8 a side. Open rails except in way houses amidships  
Ceiling in Holds, thickness and material Under larks only 2½" Eng' wood Cargo Battens, thickness and material 6" x 2"  
Cargos Hatchways.—How formed? Plates & angles Hatches, If strong and efficient? yes  
State size No. 1 Hatch (Forward) 22'6" x 18'0" No. 2 Hatch 33'0" x 20'0" No. 3 Hatch 18'0" x 20'0" No. 4 Hatch 30'0" x 20'0"  
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch Nos 1 & 6 few webs. Nos 3 & 4 three. No 2 as No 6 " 24'0" x 18'0"  
No. of Breasthooks 5 x 5 1/2 No 5 fine No. of Crutches Deep floor v.  
Bulwarks height above deck and description 3'6" x 26" amidships. Wherever sets Main Rail and Stays, material and size 5½ x 3" 3/4 BA.  
The foregoing is a correct description. Yard Co., Ltd., Arthur L. Jones  
Builder's Signature (three only) Phasamun Surveyor's Signature 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. 5/11/15 Secretary M. 31/12/15 Cablegrams from Lon. 3/2/17: 27/2/17: 7/3/17: 9/3/17: 15/3/17:  
Workmanship. Are the butts of plating planed or otherwise fitted? Planed 17/3/17: 19/3/17:  
Is the riveted work properly closed? yes Cablegrams from Robt. 13/3/17: 19/3/17:  
Are the liners between the frames and plates solid single pieces? Frames joggled 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? None  
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 State results of tests Satisfactory  
General Remarks (State quality of workmanship, &c.)  
This vessel has been built under special survey, in accordance with the Rules & approved plans & the materials & workmanship have been found good. The approved drawings of Construction Plan wide spaced pillars & girders & General Arrangement & Quadrant & tilted also a photograph of midship section are sent under separate cover.  
The sister vessel is the "Hawaii Maru" Kawasaki yard No. 374. Note Rpt No 1666 with some differences in deck erections, hatchways, framing, & the provision for carrying passengers under the shelter deck in the "Hawaii Maru". Machinery not the same.  
C.S. Anchor head test certificate:-  
1st Bower Ltpton 13 May 1916 wt of hd. 47 cwt 19 lb 6 oz Tested 9 May 1916 C.E.P.  
2nd " " 5 Apr " " " 47 " 19 lb 14 " " 31 March 1916 C.E.P.  
3rd " " " " " " " 47 " 2 " 7 " " " " C.E.P.

The Surveyor should state the Number of Report and Name of any Sister Vessel built or Yard Number of any building.

The amount of Entry Fee.....		Fees applied for,		Certificate to be sent to		Date of issue	
Special Survey Fee....	Travelling Expenses, if any	17.3	1917	Received by me,	17.3	1917	19/4/17
Yes : 50 :	Yes 3898 :						
	40 :						

State whether the Vessel has been built under Special Survey yes  
I am of opinion this Vessel should be Classed +100A1 Shelter deck  
With, or without Freeboard, as condition of Class With freeboard.

Committee's Minute TUE. 15 MAY. 1917  
Character assigned 100A1. Shelter dk. with fld.  
Cargo battens not fitted in Shelter tween DKS  
Wks Apé Lloyd's A.C.P. + L.M.O. 3. 17 Th. D.  
By name /

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WS9250166Z



GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 36.0 ft., R.Q.D. ☒ ft., Bridge ☒ ft., Forecastle 38 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 as it should appear in the Register Book) 2 dks (stl) & shelter dk (stl)

Official No. \_\_\_\_\_; Signal Letters \_\_\_\_\_ State if Machinery is fitted aft No.

How are the surfaces preserved from oxidation? Inside 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>147.0</u>	<u>588.41</u>	Fore peak tank,		<u>101.72</u>
Double bottom, under Engines and Boilers,	<u>60.0</u>	<u>335.18</u>	After peak tank,		<u>56.95</u>
Double bottom, if under Engines only,			Deep tank, aft,		<u>754.60</u>
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	<u>200.75</u>	<u>885.25</u>	Other tanks, if fitted,		
	Total capacity of double bottom	<u>1808.84</u>	(If necessary, furnish further information by sketch.)		

\* The wells are not to be included in the lengths of the tanks 07.75 State whether the above have been tested as required by the Rules Yes

Order for Special Survey No.

Date 12/15/15  
No. 388 in builder's yard.

DATES OF SURVEYS  
held while building

17.19 April. 11.15. May. 9.14.30 June 6.17.20 July. 5.14.21.29 Aug. 1.5.21.26 Sept.  
6.10.18.30 Oct. 13.18.22.25.27 Nov. 7.11.12.18.22 Dec. 1916.  
13.18.20.22.24.29.31 Jan. 6.8.12.19.21.23.24.28. Feb. 1.3.7.10.12.13.15.16  
20.26.27 March 1917.

Total No. of Visits 58

Surveyor's Signature

Arthur H. Jones

Lloyd's Register  
Foundation