





EQUIPMENT No. 33190 LETTER 4				ANCHORS.							
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK. Cwts. qrs. lbs.	WEIGHT OF STOCK. Cwts. qrs. lbs.	TEST, PER CERTIFICATE. Tons. cwt. qrs. lbs.	WEIGHT REQ. BY TABLE 31. Cwts. qrs. lbs.	Description of Anchor.	Makers.	Where and when tested and Superintendent.			
23301	1st Bower	59 3 12	Stockless	48 5 3	21 56 3	Britannia C.S.	Rick Lyster	Cadby Heath 6/9/16 AM			
23324	2nd "	66 0 0	do	48 7 2	21 56 3	do head	do	do 26-8-16 S.E.			
23348	3rd "	54 3 14	do	47 3 1	21 56 3	do	do	do 2-11-16 S.E.			
	Collective weight	179 3 12			140 2 0						
23387	Stream	16 1 14	4 1 0	14 14 0	7 16 1	Otd. knot iron	do	do 16-9-16 AHG			
23388	Kedge	7 2 14	2 0 0	9 15 3	21 7 0	do	do	do do do			

  

CHAIN CABLES.										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, and Superintendent.	Material.	Length and Size supplied.	Breaking Test of Steel Wire Towline.	Fathoms and size per Table 31.								
	Fathoms. Cir.	Tons. Fms.	Cwts. qrs. lbs.	Cwts. qrs. lbs.	Fathoms. Ins.				Fathoms. Ins.	Tons. Fms.	Fathoms. Ins.								
61181	135 2 3/4	86 1/2	120 1/2	323 0 0	240 1 3/4	Stur Link	N Huxley	Pelushon 19/9/16 WAD	TOWLINE 120 4 3/4	65 1/2	120 4 3/4								
64292	135 0	do	do	323 1 1/2	240 1 3/4	do	+ Sons Ltd	do 1/9/16 do	HAWERS & WARPS 2-90 8	Manila 2-90 8									
	Iron Stream Chain or Steel Wire	90 4 3/4	65 1/2		90 4 3/4	S.W.	Tollis & Co Raika	Maden's Cent n.g. 16	" " 2-90 7	" " 2-90 8									

**Boats** 2 lifeboats 28'0" x 8'6" x 3'7" Jemma 19/0' x 4'6" x 2'0" Steering Gear, Steam By builders Steering Gear, Hand By builders

**Pumps,** Number 5 1/2" Brownlow & K.P. 16 F.P. 4 1/2" 19'0" x 3'0" x 2'0" Diameter of Barrel 5 1/2" x 4" State whether they are in efficient working order Yes

**Windlass** is made by Builders Y Capstan combined

**Engine Room Skylights.**—How constructed? Plates & angles What arrangements for deadlights in bad weather? Glass in steel frames

**Coal Bunker Openings.**—How constructed? Plates & angles How are lids secured? 2 1/2" hatch brads Height above deck? 2'0"

**Number of Scuppers,** and numbers and dimensions of Freeing Ports, &c. 8 scuppers a side Open rails

**Ceiling in Holds,** thickness and material 2 1/2" pine under h'ways Cargo Battens, thickness and material 2" pine

**Cargo Hatchways.**—How formed? Plates & angles Hatches, If strong and efficient? Yes

**State size No. 1 Hatch** (Forward) 25'6" x 18'0" **No. 2 Hatch** 29'9" x 18'0" **No. 3 Hatch** 17'0" x 16'0" **No. 4 Hatch** 29'9" x 18'0"

**Number of Web Plates, Shifting Beams and Fore and Afters** to each Hatch Nos. 1, 2, 4 & 5 five webs No. 3 three webs No. 5 "

**No. of Breasthooks** 7 both decks **No. of Crutches** deep floors.

**Bulwarks,** height above deck and description Open rails: but amid 3'6" Main Rail and Stays, material and size 5 x 2 1/2 x 3/4" mild.

The foregoing is a correct description. Surveyor's Signature Arthur L Jones

Builder's Signature (here only) Chakrasana Surveyor to Lloyd's Register of British and Foreign Shipping.

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**Correspondence.**—State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case)

M. 16 Feb 1916 + 10 May 1916 Secretary 28 Feb 1917

**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? Jogged framing 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? No

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

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. Photoprints of Midship section & Construction plan were forwarded with the report No. 2009 on the sister vessel "War Queen". Other sister vessels under construction for the same Owners are Yard Nos 395-6-7-8 etc.

Photoprints of the gun supports etc. of practically the same construction were sent also with the Rpt No 2009 on the "War Queen".

A copy of the Certificate of D.W. carrying Capacity is enclosed.

Particulars from Certificates for C.S. heads of bower anchors.

1<sup>st</sup> Bower. Cardiff 18/1/16 Geo W. Peau. wt. 38 cwt 2 qr. 14 lbs. Cert No 2153 Tested 18<sup>th</sup> Jan'y 1916

2<sup>nd</sup> " Newcastle 7/10/15 W.R.A. & r.c. No 415. wt 36 cwt 1 qr 6 lbs. Tested 15<sup>th</sup> & 20<sup>th</sup> Sept 1915

3<sup>rd</sup> " Cardiff 16/10/16 Geo W Peau. wt 34 cwt 3 qrs 1 lb. Cert No 2430. Tested 16<sup>th</sup> Oct 1916

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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 ..... You : 50 : Fees applied for, 15 May 1917

Special Survey Fee..... You 25 1/6 : Received by me, 17 May 1917

Travelling Expenses, if any You : 30 :

State whether the Vessel has been built under Special Survey Yes.

I am of opinion this Vessel should be Classed + 100 AT. Running Deck With, or without Freboard, as condition of Class With freeboard.

Surveyor to Lloyd's Register of British and Foreign Shipping. Arthur L Jones

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**Committee's Minute** TUE 10 JUL 1917

**Character assigned** 100A1

Cargo battens not fitted in wing beam deck Drydocks at 6.

+ L.M.C.B. 17.

F.D.



GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ✓ ft., R.Q.D. ✓ ft., Bridge ✓ ft., Forecastle ✓  
(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  
should appear in the Register Book) *2 dks (stl) & awning 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,	<i>✓ 116.9</i>	<i>342</i>	Fore peak tank,	<i>✓ 126</i>	<i>126</i>
Double bottom, under Engines and Boilers,	<i>✓ 44.6</i>	<i>182</i>	After peak tank,	<i>✓ 93</i>	<i>93</i>
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	<i>✓ 172.1</i>	<i>594.2</i>	Other tanks, if fitted,		
	Total capacity of double bottom	<i>1118.2</i>	(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.

Date

No. *394* in builder's yard.

DATES of Surveys  
held while building

*18. 22. 29 Jan. 6. 9. 13. 19. 23. 28 Feb. 2. 5. 7. 9. 16. 20. 24. 28. 30 March.*

*2. 9. 12. 18. 20. 21. 23. (launched) 24. 28 April. 4. 5. 7. 9. 12 (Trials) 14. 16. May 1917*

Total No. of Visits *34*

Surveyor's Signature

*Arthur L. Jones*

Lloyd's Register  
Foundation