





WEB FRAMES. Complete or partial. Inches in Ship. Inches per Rule. Or as Approved. FORGINGS or CASTINGS. Inches in Ship. Inches per Rule. Or as Approved.

WEB-FRAMES, In Fore Body, No. and spacing. brdth. & thickness. No. of Side Stringers. WEB-FRAMES, In B. Space, No. & spacing. brdth. & thickness. WEB-FRAMES, In After Body, No. and spacing. brdth. & thickness. No. of Side Stringers. Size of Face Angles to Web-Frames. BRACKET PLATES to Stringers between Web Frames, depth and thickness.

BULKHEADS. Number. Thickness. STIFFENERS. Single or Double Frames. Height up, state deck. W.T. BULKHEADS. COLLISION. PARTITION. LONGITUDINAL.

Are the outside Plates doubled two spaces of Frames in length? Are the Hatch Valves and Watertight Doors in efficient working order?

PLATING. STRAKES. AS IN SHIP. PER RULE OR AS APPROVED. EDGES. BUTTS.

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.

FRAMES extend in one length from. REVERSED FRAMES on floors and frames extend from.

MASTS, SPARS, &c. LOWER MASTS. RIGGING, Material and Size, Shrouds. Sails.



EQUIPMENT No. 25736 LETTER <i>D</i>										ANCHORS.			* Mechanical Tests:-			Where and when tested and Superintendent	
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK			WEIGHT OF STOCK			TEST, PER CERTIFICATE.			WEIGHT REQ. BY TABLE 31.			Description of Anchor.	Makers.		
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.	qrs.				lbs.
22762	1st Bower *	48	3	14	Stockless	41	13	1	21	48	3	0	Byers Stockless	Not stated	I. P. H. J. N. 5-10-16	25-10-16, J. M. <sup>D°</sup> <del>27-5-16 W. Campbell</del>	
22760	2nd " *	48	3	0	D°	41	11	3	14	48	3	0	D°	D°	D° 14-10-16, D°	27-5-16 W. Campbell	
22667	3rd " *	42	1	0	D°	37	6	1	0	41	2	0	D°	D°	D° 27-7-16, D°	27-1-17	
	Collective stockless	139	3	14						139	0	0					
22741	Stream	13	0	0	3	1	0	14	15	0	0	13	0	0	Rodgers	M. Bloomer & Son	D° 10-10-16, D°
22740	Kedge	5	3	0	1	1	21	8	0	2	14	5	3	0	D°	D°	D° D°
See anchors - four (built)																	

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.	Start- ing.	Break- ing.	Supplied.	Per Rule.	Length.	Diam.	Length.	Diam.					Length.	Cir.		Length.	Cir.								
12584	270	2	72	100	54	6	1	0	53	3	0	270	2	Spud Link	M. Bloomer & Son, I.	I. P. H. J. N. 12-10-16	TOWLINE	Wire	200	4	53	120	4				
																	HAWSERS & WARPS	"	"	240	5	8 1/2					
																	"	"	"	120	5 3/4	7 1/2					
																	"	"	"	360	3 3/8	24	4-90	7			
																	Manilla	"	"	4-120	6	12					
																	"	"	"	4-120	6						
																	"	"	"	4-120	6						

**Correspondence.**—State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case)  
M-28<sup>th</sup> April 1916. M-1<sup>st</sup> May. M-2<sup>nd</sup> May. M-5<sup>th</sup> May. M-8<sup>th</sup> May. M-9<sup>th</sup> May. M-16<sup>th</sup> May. M-18<sup>th</sup> May. E-22<sup>nd</sup> May.

**Workmanship.** Are the butts of plating planed or otherwise fitted? Yes, also planed & overlapped. M-25<sup>th</sup> May. M-16<sup>th</sup> June. M-20<sup>th</sup> June, 1916.  
Is the riveted work properly closed? Yes. M-13<sup>th</sup> March 1917.

Are the liners between the frames and plates solid single pieces? Goggled frames. 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 & overlapped? 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 constructed in accordance with the approved plans, the Secretary's letters as indicated above & in other respects in compliance with the requirements of the Rules.

The material & workmanship are good.

The freeboard assigned in the Secretary's Letter dated 6<sup>th</sup> April has been duly marked & verified on the vessel's side. Newcastle Freeboard Report No. 69761.

The tunnel flats at both ends of the vessel have been tested & found to be water tight.

This vessel has been specially strengthened with a view to being used as an ice breaker. All the double bottom tanks, the peak tanks, the side trimming tanks & the ice boxes have been tested to the height of awning deck & found satisfactory. The side bunkers have been filled with water & found to be water tight.

The approved plans (10 in number) are enclosed.

The vessel was placed in dry dock. The bottom was examined on 28<sup>th</sup> April 1917 & found satisfactory. The bottom was efficiently coated.

The Surveyor should state the Number of Report and Name of any Sister Vessel built or Yard Number of any building. None.

The amount of Entry Fee ..... £ 5 : 0 : 0 Fees applied for, 6-SEP-1917  
Special Survey Fee ..... £ 109 : 7 : 6 Received by me. 15/9/19  
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.1. Awaiting D.H.  
With, or without Freeboard, as condition of Class Lloyd's A & C P. Thomas S. Shute, Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute  
Character assigned  
TUE. SEP. 11 1917.  
100 A1  
and dk with fld  
Lloyd's A & C P.  
+ Prob. 5.14  
F. D.



## GENERAL REMARKS—(continued).

**PARTICULARS FOR RECORD in the REGISTER BOOK.**—Length of Poop ☒ ft., R.Q.D. ☒ ft., Bridge ☒ ft., Forecastle ☒ 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) *1<sup>st</sup> D<sup>th</sup> (S<sup>th</sup>) + covering D<sup>th</sup> (S<sup>th</sup> m. S.), 2<sup>nd</sup> D<sup>th</sup> Abends, 3 Tiers B<sup>th</sup>, w/ frames*  
Official No. ☒; Signal Letters ☒ State if Machinery is fitted aft *Both aft & for?* *Cruiser Stern*  
How are the surfaces preserved from oxidation? Inside *concrete & 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.			Fore peak tank.		199
Double bottom, under Engines and Boilers.			After peak tank.		247
<i>Fuel Tank under engines</i>	164.6	667	Deep tank, aft, (Side Trimming Tanks) 41-71.	45.0	396
Double bottom, if under Engines only.	6.0	17	Deep tank, forward, D.Ho. 131-173	49.6	476
Double bottom, if under Boilers only.			Other tanks, if fitted, D.Ho. (Twin d.) 19-41	22.0	85
Double bottom, forward.			(If necessary, furnish further information by sketch.) * Combined capacity of both.		
Total capacity of double bottom.		584			

\* 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. *4629*

Date *24.5.1916*

No. *905* in builder's yard.

Dates of Surveys held while building

*1916*  
*May 24. Jun 6. 12. 23. 26. Jul 7. 27. 28. Aug 15. 22. 23. Sep 11. Oct 5. 11. 20. 25. Nov 2. 6. 11.*  
*15. 20. 24. 25. 27. 29. 30. Dec 1. 2. 4. 6. 7. 12. 13. 14. 16. 18. 19. 20. 21. 22. 27. 30* *1917* *Jan 3. 15. 17. 26.*  
*Feb 5. 13. 23. Mar 9. 14. 15. 21. 22. 26. Apr 2. 23. May 24. 25. Jun 8. Jul 6. Aug 2. 15. 23*

Total No. of Visits *64.*

Surveyor's Signature

*Thomas S. Shute*

© 2018

Lloyd's Register Foundation