

With ~~Without~~ Disconnected Erections.

STEEL STEAMER.

100,000 T. 1919

Received at London Office

Date of completion of report  
Survey held at

State if Report is also sent on the Machinery of the Vessel *yes*  
Port of *Vancouver, B.C.*  
Date, First Survey *31st Sept 1919*  
Last Survey *26th August 1919*

No. *457*  
1919

On the (State if Single, Twin, or Triple Screw)

CLASS *100 A 1*

Master

*D. Mr. Beath*

Year of appointment

(1) As Master in service of  
(2) As Master of this  
vessel

TONNAGE under

Tonnage Deck

Do. between Tonnage Dk.

and 3rd and 4th Dk.

Total under Upper Dk.

Do. of Poop

Do. of Bridge House

Do. of Forecastle

Do. of Houses on Dk.

Do. of Hatchways

Do. of Room

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[illegible]

EQUIPMENT No. 35864-193				ANCHORS				TONNAGE U.D.K. OR PLATING NO. FOR TRAWLERS											
Number of Certificate.		Anchors.		WEIGHT EX STOCK		TEST PER CERTIFICATE		WEIGHT REQUIRED BY TABLE S1.		Description of Anchor		Makers.	Where and when tested and Superintendent.						
		Owts.	lbs.	Owts.	lbs.	Tons.	Owts.	qrs.	lbs.	Owts.	qrs.	lbs.							
50016	1st Bower ...	64	3 10	Stockless	51	0 0 0	63	3 0	Halli (S.H.E.)	"	"	"	Eng. 31.4.18						
50015	2nd "	64	2 0	"	50	5 0 0	63	3 0	"	"	"	"	31.4.18						
50055	3rd "	55	0 0	"	45	4 2 0	54	2 0	"	"	"	"	14.8.18						
	4th "								"	"	"	"	H. Green						
	Collective weight.	184	1 10				182	0 0											
50250	Stream .....	22	1 12	Stockless	22	13 0 14	22	0 0	Halli (S.H.E.)	"	"	"	Eng. 14.9.18						
50044	Kedge .....	10	0 5	"	12	2 0 21	9	2 0	"	"	"	"	31.4.18						
H. Green																			
Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test. 1st Bower 34.1.9 - 40.6 - 1440 - 11 1/2 x 1 1/2 June 1918 2nd " 34.0.16 - 40.6 - 1464 - 11 1/2 x 1 1/2 June 1918 3rd " 32.3.3 - 40.6 - 1800 - 2 1/2 x 2 1/2 June 1918 Stream 13.0.5 - 40.6 - 1442 - 3 1/2 x 1 1/2 June 1918 Kedge 5.3.4 - 40.6 - 1431 - 2 1/2 x 1 1/2 May 1918																			
CHAIN CABLES.																			
Number of Certificate.		Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.		Length and Size per Table S1.		Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and Size supplied.	Breaking Test of Steel Wire Twine.	Length and Size per Table S1.			
		Fathoms.	Inches.	Status.	Break- ing.	Supplied.	Per Rule.	Fathoms.	Inches.					Length.	Cir.	Length.	Cir.		
65044B	90	2 1/2	9 1/8	124	232	1.4	182	1.11	240	2 1/2	Bladwyf Ref. stated	Pute. Eng. 30.4.18	TOWLINE	Steel wire	120	5	43	120	5
65046B	90	2 1/2	"	"	"	230	1.5	"	"	"	"	30.4.18	"	2090	5	2090	8		
65061B	30	2 1/2	"	"	"	75	0.0	"	"	"	"	23.5.18	"	2090	7	2090	7		
(See Stream)	210	2 1/2	"	"	"	554	3.12	652	1.11	290	2 1/2	"	"	"	"	"	"		
Steel Wire	90	4 1/2	6 5/8	"	"	652	"	"	90	4 1/2	Same as above	"	"	"	"	"	"		
Boats 4 - 24' x 8' Lifeboats + 1-16' x 8' Dinghy Steering Gear, Steam and American one by dynamometer controlled. Pumps, Number One Dornier pump Diameter of Barrel 5 1/2 x 3 1/2 inch Hand combine & efficient. Windlass is Efficient - Makers Vulcan Machinery Co. Ltd. Southampton Whether they are in efficient working order Yes Engine Room Skylights - How constructed? Steel plates & angles What arrangements for deadlights in bad weather Deadlights in steel covers Coal Bunker Openings - How constructed? Steel plates & angles How are lids secured Harpaunis + Battens Height above deck? 30" Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. 11 Scuppers each side & open Bulwarks Ceiling in Holds, thickness and material 2 1/2" Fir under hatchways Oak Cargo Battens, thickness and material 6" x 2" Fir Cargo Hatchways - How formed? Steel plates & angles Hatches, if strong and efficient? Yes State size No. 1 Hatch (Forward) 31'6" x 21'0" x 36" No. 2 Hatch 31'6" x 21'0" x 36" No. 3 Hatch 15'9" x 17'0" x 30" No. 4 Hatch 46'3'6" x 21'0" x 36" Number of Web Plates, Shifting Beams and Fane and Attens to each Hatch 5 Nos 1, 2, 4, 5, 4, 3 & No 3 Hatch on Bridge 1 1/2" x 3/8" plate 4" x 3" x 9'8" double top & bottom No. of Breasthooks 4 No. of Crutches Deep Floors Bulwarks, height above deck and description Rails & stanchions 34" in height Main Rail, material and size Open Bulwark The foregoing is a correct description. Surveyor's Signature John Whitehead Builder's Signature (here only) J. P. Longman Surveyor to Lloyd's Register of Shipping.																			
Correspondence.—State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case) No 25.3.18 - No 25.5.18 - No 31.3.19 - No 5.4.19 - No 8.4.19 - No 20.4.19 - No 10.5.19 - No 10.5.19																			
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 facing surfaces? Yes Do any rivets break into or through the seams or butts of the plating? a few 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.) Workmanship good This vessel has been built in accordance with the approved plans, the Secretary's letters of the above dates, and in general conformity to the rules for the class contemplated. 3 Hoisting & Casting certificates are herewith attached also 9 Approved plans for filing with report. One Transverse Bulkhead in No. 2 Hold forward has been dispensed with and web frame fitted as compensation as approved. Six watertight bulkheads are now fitted. A letter dated July 3rd 1918 from the owners representative requesting the omission of the above bulkhead was forwarded with final entry report No. 429 B.S. "War Convoy" Hull No. 8. The S.B. tank in engine room has been cemented as per rule requirements and tanks under boilers & in holds cement washed only. The length of chain cable supplied to this vessel is in accordance with circular No. 1304 dated 13th Dec 1914. This is a sister ship to the "Iron Cavalry" & "Iron Column" see Gene Reports No. 439 & 446 respectively. The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans to be forwarded with F.E. Report showing vessel as built.																			
The amount of Entry Fee ..... \$ 25.00 : Fees applied for, Special Survey Fee..... \$ 644.24 : H. Whitehead 1919 Travelling Expenses, if any \$ 9.22 2/6 Received by me, 28/10/19 26/11 State whether the Vessel has been built under Special Survey Yes I am of opinion this Vessel should be Classed F 100A1 With, or without Freeboard, as condition of Class without/ Committee's Minute Tue 14 Oct. 1919 Character assigned 100A1 Wrote Ver. Lloyds Assoc. P.N. nln 24/10/19 + LMc 8.19 YD.																			
Certificate to be sent to Vancouver B.C. Date of issue 15.10.19. John Whitehead Surveyor to Lloyd's Register of Shipping.																			

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GENERAL REMARKS—(continued).

Sorry to forward this in present condition but no other forms have arrived yet. *fw*

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WEB-F

WEB-F

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Sails.

**PARTICULARS FOR RECORD in the REGISTER BOOK.**—Length of Poop *43.75* ft., *East* ft., Bridge *14.75* ft., Forecastle *4.0* 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 (St)*  
Official No. ; Signal Letters  
How are the surfaces preserved from oxidation? Inside *paint & cement* Outside *paint*  
State if Machinery is fitted aft *installed amidships*

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

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	<i>145.25</i>	<i>233</i>	Fore peak tank,	<i>21.25</i>	<i>131</i>
Double bottom, under Engines and Boilers,	<i>40.5</i>	<i>349</i>	After peak tank,	<i>25.25</i>	<i>85</i>
Double bottom, if under Engines only,	<i>✓</i>	<i>✓</i>	Deep tank, aft,	<i>✓</i>	<i>✓</i>
Double bottom, if under Boilers only,	<i>✓</i>	<i>✓</i>	Deep tank, forward,	<i>✓</i>	<i>✓</i>
Double bottom, forward,	<i>182.25</i>	<i>692</i>	Other tanks, if fitted,	<i>✓</i>	<i>✓</i>
<i>Total length 368.0 =</i>		<i>Total capacity of double bottom 1274</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. *7*

Date *28.1.19*

No. *10* in builder's yard.

DATES OF SURVEYS held while building

*1919 Jan 8. 14. 22. 24. 31 Feb 7. 12. 19. 26 March 5. 12. 18. 26. 31 April 4. 8. 12. 15. 21. 25. 29 May 3. 6. 9. 13. 15. 19. 26. 29. 30 June 3 10. 30 July 4. 9. 12. 15. 17. 24. 28 Aug 1. 6. 7. 9. 12. 20. 22. 26*

Total No. of Visits *48*

Surveyor's Signature

*John Whitehead*

Rpt. 4  
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No. in  
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If not state whether, and when, one will be sent

Is a Report also sent on the Hull of the ship

