

# With or Without Disconnected Erections.

## STEEL STEAMER.

Date of completion of report 28 JUN 1918  
Survey held at *Cumberland*

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

Port of *Cumberland*  
Date, First Survey *11 Oct. 1916* Last Survey *21 June 1918*

No. *27274*  
*1st June 1918*

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

**TONNAGE under**  
Tonnage Deck...  
Do. between Tonnage Dk. and 3rd and 4th Dk. *3302.74*  
Total under Upper Dk. *3302.74*  
Do. of Poop *17.92*  
Do. of *R. Q. Dk. Chart House* *4.36*  
Do. of *Expansion Hatch* *16*  
Do. of Forecastle *63.37*  
Do. of Houses on Dk. *123.27*  
Do. of excess of Hatchways *23.37*  
Do. above Crown of Engine Room *25.30*  
Gross Tonnage *3565.59*  
Less Crew Space *152.86*  
Less above Crown of Engine Room *25.30*  
TONNAGE FOR FEES *3387.43*  
Less Engine Room *1140.99*  
Navigation Spaces *88.22*

CLASS *100A.1*  
Breadth (greatest moulded) *48.42*  
Depth, at middle of length from top of keel to top of upper deck beams at side *25.91*  
Transverse Number *74.33*  
Length on deck from fore part of stem to after part of stern post *356*  
Longitudinal Number *26461*  
Depth "d," at middle of length (See Secs. 2 & 13) *22.0*  
Proportions—Depth to Length—Upper Deck Beam at side to top of keel *13.74*  
Long Bridge Deck Beam at side to top of keel *10.50*

Master *E. R. Howe*  
Year of appointment *1918*  
Built at *Cumberland*  
When built *1917-18* Launched *17th October 1917*  
By whom built *John Blument Co.*  
Owners *Rancharia Shipping Co. Ltd.*  
Managers *James Chambers and Co.*  
Residence *Cirencester*  
Port belonging to *Cirencester*

Destined Voyage *✓* If Surveyed while Building, Afloat, or in Dry Dock *Yes*  
Length on Deck *356* Breadth *48* Depth *23.9*  
Moulded depth, ft. *33* ins. *11* To Bridge Dk. Round of Upper Dk. Beam, Actual *16* ins.  
Moulded depth, ft. *25* ins. *11* To Upper Dk. Dk. Beam, Actual *16* ins.

FRAMING.				PILLARS.			
NAME, Angles, or Bars amidships	Inches in Ship	Inches in Ship	Inches in Ship	PILLARS In 'tween Deck, size and spacing	Inches in Ship	Inches in Ship	Inches in Ship
o. in peaks	10	3 1/2	5 1/4	" " Hold	23 1/4	4	as arranged on Act. beams
o. in way of Double Bottoms at Solid Floors	6 1/2	3 1/2	4 0	" Quarter 'tween Dks.,			Center line bulkhead is hold 3.
" " at intermdt. Bkts.	3 1/2	13 1/2	3 3/4	" " in Hold			
ing of Frames from centre to centre amidships	5 1/2	3 1/2	4 1/2				
" " from # 1							
" " length to Collision bulkhead	24 1/2		24 1/2				
" " in peaks	24		24				
VERSE FRAME, Angles							
o. in way of Double Bottoms at Solid Floors	4	8	36				
" " at intermdt. Bkts.	4	4	40				
MING, depth of girder							
ORS, depth and thickness of Floor Plate at mid-line for # length amidships							
in way of Engine and Boiler Spaces							
thickness at the ends of vessel							
depth at 1/2 the half breadth, as per Rule							
height extended at the Bilges							
ORS in Cell. Double Bottoms	36	85.50	36				
state if flanged (top & bottom)	48	48	48				
Spacing of Solid floors	40	48	40				
IRE GIRDER, in Dbl. bottom, dpth. & thcknss.	40	48	40				
" Angle, Top	4	4	58				
" " Bottom	4	4	58				
" " to Floors	6	6	42				
Brackets at intermdt. frmg., wdth & thcknss	24	36	24				
GIRDERS, number on each side & thickness	Thru	36	Thru				
" state if flanged (top and bottom)	40	48	40				
" Angles (top and bottom)	3 1/2	3 1/2	36				
" " to Floors	3	3	36				
IN PLATE, depth (exclusive of flange) and thickness	3 1/2	3 1/2	42				
" Angle to Outside Plating	3 1/2	3 1/2	42				
" " Floors	3 1/2	3 1/2	36				
Brackets at intermdt. frmg., wdth & thcknss	21	36	21				
Height of Outside Brackets above at bilge	30		30				
R BOTTOM PLATING, breadth and thickness of Middle Line Strake	70	75	42				
" " in Engine and Boiler space	46	60	46				
" " Remainder in Holds	38	60	34				
S. Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	9	3 1/2	50				
In way of Long Bridge	8 1/2	3	46				
Spacing	Every frame						
S. Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel							
Spacing							
S. Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel							
Angles on upper edge							
Spacing							
S. Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	6	3	40				
Angles on upper edge							
Spacing							
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	8	3	44				
Angles on upper edge							
Spacing							
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel							
Angles on upper edge							
Spacing							



WEB FRAMES. In Fore Body, No. and spacing. WEB-FRAMES, In E. & B. Space, No. and spacing. WEB-FRAMES, In After Body, No. and spacing. BULKHEADS. W.T. BULKHEADS. COLLISION PARTITION LONGITUDINAL. PLATING. STRAKES. AS IN SHIP. PER RULE OR AS APPROVED. EDGES. BUTTS. RIVETING. UPPER DECK. BUTTS OF SIDE STRINGERS. TIE PLATES. INNER BOTTOM PLATING. CENTRE GIRDER BUTTS. FRAMES. RIVETS. MASTS, SPARS, &c. LOWER MASTS. BOWSPRIT. TOPMASTS, YARDS AND REMAINDER OF SPARS. RIGGING, MATERIAL AND SIZE, SHROUDS. SAILS.

EQUIPMENT No. 28580. LETTER W. ANCHORS. S. TONNAGE U.K. OR PLATING No. FOR TRAWLERS. CHAIN CABLES. HAWSERS AND WARPS. Boats. Pumps. Windlass. Engine Room Skylights. Coal Bunker Openings. Number of Scuppers. Ceiling in Holds. CARGO HATCHWAYS. State size No. 1 Hatch. Number of Web Plates. Bulwarks. Correspondence. Workmanship. Are the liners between the frames and plates solid single pieces? Are the butts of plating, stringers, &c., properly shifted and strapped? Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? General Remarks. The vessel has been built in accordance with the approved plans, the Secretary's letters and the Rules. The materials and workmanship are good. A midship section and profile of the vessel as built, nine approved plans and two forging reports are forwarded herewith. The requirements of the Specification for the carriage of oil fuel in the double bottom have been complied with in the case of this vessel. Committee's Minute. Character assigned. 100 A.1.



## GENERAL REMARKS—(continued).

**PARTICULARS FOR RECORD in the REGISTER BOOK.**—Length of Poop 35 ft., R.Q.D. ft., (Combined and, Foreca) (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 should appear in the Register Book) 1 Dk (Steel)

Official No. 140576 ; Signal Letters \_\_\_\_\_ State if Machinery is fitted aft No  
How are the surfaces preserved from oxidation? Inside Cement and Paint Outside Paint

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

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.
Double bottom, aft,	<u>104 - 1 1/2</u>	<u>244</u>	Fore peak tank,	<u>14 - 10</u>
Double bottom, under Engines and Boilers,	<u>38 - 9 3/4</u>	<u>138</u>	After peak tank,	<u>18 0</u>
Double bottom, if under Engines only,			Deep tank, aft,	
Double bottom, if under Boilers only,			Deep tank, forward,	
Double bottom, forward,	<u>144 - 11 3/4</u>	<u>404</u>	Other tanks, if fitted,	
	Total capacity of double bottom	<u>786</u>	(If necessary, furnish further information by sketch.)	

\* The wells are not to be included in the lengths of the tanks. 87

State whether the above have been tested as required by the Rules Yes  
of water to top of oil feed

Order for Special Survey No. 5229

Date 10.2.16

No. 240 in builder's yard.

DATE of Surveys held while building

1916. Oct. 11. 16. 23. 31. Nov. 2. 8. 14. 16. 23. 28. Dec. 4. 8. 14. 21. Jan. 4. 16. 19. 22. 25. 31. Feb. 1. 8. 14. 21. 28. Mar. 4. 11. 18. 25. 31. Apr. 5. 12. 13. 17. 23. 24. 27. May 4. 8. 10. 17. 25. Jun 6. Jul 11. 12. 18. 19. 25. 30. Aug. 1. 2. 10. 15. 20. 23. 24. 27. Oct. 5. 9. 15. 18. 26. Nov. 1. 5. 27. 29. Dec. 3. 5. 7. 11. Jan 8. Feb. 14. Mar 4. 12. 13. 23. 26. May 7. 9. 23. June 4. 21

Total No. or

Surveyor's Signature

A. Pickworth

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