

With or Without  
Disconnected Erections.

STEEL STEAMER.

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Date of completion of report  
Survey held at *Newcastle-on-Tyne* Port of *NEWCASTLE-ON-TYNE* No. *70512*  
Date, First Survey *30th Oct. 1917* Last Survey *2nd November 1917*

On the (State if Single, Twin, or Triple Screw) *TWIN SCREW TRAIN FERRY "T.F.2"* Rig *✓*

TONNAGE under Tonnage Deck Do. between Tonnage Dk. and 3rd and 4th Dk. Total under Upper Dk. Do. of Poop Do. of E.C. Dk. Do. of Bridge House Do. of Forecastle Do. of Houses on Dk. Do. of excess of Hatchways Do. above Crown of Engine Room Crew Space Do. above Crown of Engine Room TONNAGE FOR FEES Do. Engine Room Do. Navigation Spaces Register Tonnage as cut on Beam	<i>2493.88</i> <i>2493.88</i> <i>28.90</i> <i>52.69</i> <i>40.94</i> <i>60.18</i> <i>2677.60</i> <i>72.53</i> <i>60.18</i> <i>2544.89</i> <i>1319.58</i> <i>180.44</i> <i>1105.55</i>	CLASS <i>+A-Train Ferry</i> <i>channel service</i> Breadth (greatest moulded) Depth, at middle of length from top of keel to top of upper deck beams at side Transverse Number Length on deck from fore part of stem to after part of stern post Longitudinal Number Depth "d," at middle of length (See Secs. 2 & 13) Proportions—Depth to Length— Upper Deck Beam at side to top of keel Long Bridge Deck Beam at side to top of keel	<i>58.5</i> <i>17.0</i> <i>75.5</i> <i>350.0</i> <i>26425</i> <i>15.0</i> <i>20.6</i> <i>13.86</i>	Master <i>Mastad</i> Year of appointment Built at <i>Naval Yard, Walker, Tyne</i> When built <i>1914</i> Launched <i>12th Sept. 1914</i> By whom built <i>Sir W.G. Armstrong, Whitworth &amp; Co. Ld.</i> Owners <i>British Government</i> Managers Residence Port belonging to	(1) As Master in service of owner of present vessel—191 (2) As Master of this vessel—191
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Destined Voyage *✓* If Surveyed while Building, Afloat, or in Dry Dock *Special*

LENGTH on Deck as per Rule	BREADTH— Moulded	DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams Do. do. Second Dk. Beams	No. of Decks with flat laid No. of Tiers of Beams
<i>350 0</i>	<i>58 6</i>	<i>15 5</i>	<i>1</i>

Dimensions of Ship per Register, Length *350.55* breadth *58.4* depth *15.5*  
Moulded depth, ft. *25* ins. *3* To Bridge Dk. Round of Upper Dk. Beam, Actual *6* ins.  
Moulded depth, ft. *17* ins. *0* To Upper Dk.

FRAMING.	Inches in Ship	Inches in Ship	Inches in Ship	Inches per Rule Or as Approved	Inches per Rule Or as Approved	PILLARS.	Inches in Ship	Inches in Ship	Inches in Ship	Inches per Rule Or as Approved	Inches per Rule Or as Approved
FRAME, Angles, or <i>✓</i> Bars amidships	<i>6</i>	<i>3</i>	<i>40</i>	<i>6</i>	<i>3</i>	PILLARS In 'tween Deck, size and spacing					
Do. in peaks						" Hold					
Do. in way of Double Bottoms at Solid Floors	<i>3</i>	<i>3</i>	<i>40</i>	<i>3</i>	<i>3</i>	Quarter 'tween Dks.,					
" " at intermdt. Bkts.						" in Hold					
Spacing of Frames from centre to centre amidships	<i>24</i>	<i>1</i>		<i>24</i>							
" " from $\frac{1}{2}$ length to Collision bulkhead											
" " <i>one</i> in peaks	<i>20</i>	<i>1</i>		<i>20</i>							
REVERSED FRAME, Angles	<i>3</i>	<i>3</i>	<i>40</i>	<i>3</i>	<i>3</i>	KEELSONS & STRINGERS.					
Do. in way of Double Bottoms at Solid Floors						CENTRE LINE KEELSON, Vertical Plates above					
" " at intermdt. Bkts.						floors, Through Plate, or Intercoastal Plate	<i>44</i>	<i>40</i>		<i>44</i>	<i>40</i>
FRAMING, depth of girder	<i>24</i>	<i>40</i>		<i>24</i>	<i>40</i>	" Rider Plate	<i>13</i>	<i>40</i>		<i>13</i>	<i>40</i>
FLOORS, depth and thickness of Floor Plate at mid-line for $\frac{1}{2}$ length amidships		<i>50</i>			<i>50</i>	" Flat Plate Keel Angles	<i>4</i>	<i>4</i>	<i>52</i>	<i>4</i>	<i>4</i>
" in way of Engine and Boiler Space		<i>34</i>			<i>34</i>	" Horizontal Plates on Floors					
" thickness at the ends of vessel						" Angles or Bulb Angles	<i>6</i>	<i>3</i>	<i>44</i>	<i>6</i>	<i>3</i>
" depth at $\frac{1}{2}$ the half breadth, as per Rule						SIDE KEELSONS, Number <i>2</i>	<i>6</i>	<i>3</i>	<i>44</i>	<i>6</i>	<i>3</i>
" height extended at the Bilges						" Angles or Bulb Angles	<i>6</i>	<i>3</i>	<i>44</i>	<i>6</i>	<i>3</i>
FLOORS in Cell. Double Bottoms						" Plate above floors, for length					
" state if flanged (top & bottom)						" Intercoastal Plate, for full length					
" Spacing of Solid floors						" Attached to outside Plating with Angle	<i>3</i>	<i>3</i>	<i>34</i>	<i>3</i>	<i>3</i>
CENTRE GIRDER, in Dbl. bottom, depth & thickness						SIDE KEELSONS, Angles <i>one</i>	<i>7</i>	<i>2</i>	<i>34</i>	<i>7</i>	<i>2</i>
" Angles, Top						" Intercoastal Plate for full length					
" Bottom						" Attached to outside Plating with Angle	<i>3</i>	<i>3</i>	<i>40</i>	<i>3</i>	<i>3</i>
" to Floors						SIDE STRINGERS, Number <i>one</i>	<i>3</i>	<i>3</i>	<i>34</i>	<i>3</i>	<i>3</i>
Brackets at intermdt. frmg., width & thkns						" Angle <i>(5/16)</i>	<i>3</i>	<i>3</i>	<i>34</i>	<i>3</i>	<i>3</i>
SIDE GIRDERS, number on each side & thickness						" Intercoastal Plate, for full length					
" state if flanged (top and bottom)						" Attached to outside plating with Angle	<i>3</i>	<i>3</i>	<i>34</i>	<i>3</i>	<i>3</i>
" Angles (top and bottom)						CIR					
" to Floors						Upper Deck Stringer Plate, br'dth & thickness	<i>68</i>	<i>40</i>		<i>68</i>	<i>40</i>
MARGIN PLATE, depth (exclusive of flange) and thickness						" " " " br'dth & thickness					
" Angle to Outside Plating						" " " " (in way of Bridge)	<i>3 1/2 x 3 1/2</i>	<i>40</i>		<i>3 1/2 x 3 1/2</i>	<i>40</i>
" Floors						" Angle (clear of Bridge)					
Brackets at intermdt. frmg., width & thkns						" Tie Plate at sides of Hatchways					
Height of Outside Brackets above at bilge						Deck * Iron or Steel, for full lng.					
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake						" Thickness (clear of Bridge)					
" in Engine and Boiler space						" (in way of Bridge)					
" Remainder in Holds						Wood Deck. Material & thickness					
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	<i>9 x 3 1/2 x 3 1/2</i>	<i>44</i>		<i>9 x 3 1/2 x 3 1/2</i>	<i>38</i>	Second Deck Stringer Plate, br'dth & thickness					
" In way of Long Bridge						" Angles on ditto, No.					
" Spacing	<i>24</i>			<i>24</i>		" Tie Plates outside Hatchways					
BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	<i>6</i>	<i>3</i>	<i>40</i>	<i>6</i>	<i>3</i>	Deck * Iron or Steel, for lng.					
" Spacing	<i>48</i>			<i>48</i>		" Thickness (clear of Bridge)					
BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel						" (in way of Bridge)					
" Angles on upper edge						Wood Deck. Material & thickness					
" Spacing						Third Deck Stringer Plate, br'dth & thickness					
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	<i>6</i>	<i>3</i>	<i>40</i>	<i>6</i>	<i>3</i>	" Angles on ditto, No.					
" Angles on upper edge						" Tie Plates, outside Hatchways					
" Spacing	<i>24</i>			<i>24</i>		Deck * Material and thickness					
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	<i>4 1/2</i>	<i>3</i>	<i>40</i>	<i>4 1/2</i>	<i>3</i>	Fourth and Fifth Deck Stringer Plate, br'dth & thickness					
" Angles on upper edge						" Angles on ditto, No.					
" Spacing	<i>40</i>			<i>40</i>		" Tie Plates outside Hatchways					
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel						Deck * Material & thickness					
" Angles on upper edge						Poop Deck Stringer Plate, breadth & thickness					
" Spacing						" Angle on ditto					







GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. ☒ ft., Bridge ☒ ft., Forecastle ☒ 26 ft. (in feet and tenths). When the Poop is joined to the R.D., this should be distinctly stated *Forecastle joined to Harbourside*

*Deck (sides of vessel)*  
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) *1 Deck (all)*

Official No. \_\_\_\_\_; 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.

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,	30	158
Double bottom, under Engines and Boilers,			After peak tank,	34	132
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,			Other tanks, if fitted, <i>2 OIL FUEL TANKS 20'0" x 10'3" DIA</i>		<i>4 1/2</i>
Total capacity of double bottom			(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. *4690*  
Date *11.5.1917*  
No. *922* in builder's yard.  
Dates of Surveys held while building *1917 Apr. 30. May 30. Jun. 5. 14. 28. Jul. 3. 9. 13. 20. 24. Aug. 3. 27. Sep. 7. 10. 12. Oct. 1. 4. 16. 18. 24. 29. Nov. 7. 8. 13. 14. 19. 28.*  
Total No. of Visits *28*

Surveyor's Signature