

With or Without

Standard Vessel - Type "C."

STEEL STEAMER.

Received at London Office MON. 3 JUN. 1913

Disconnected Erections.

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

Date of completion of report 28th May, 1918.

Port of West Hartlepool.

Survey held at West Hartlepool.

Date, First Survey 30th July 1917.

Last Survey 16th May, 1918.

On the (State of Single, Double, Triple Screw)

"WAR FOAM." (Yard No. 895.)

Rig

TONNAGE under

Tonnage Deck...

Do. between Tonnage Dk. and 3rd and 4th Dk.

Total under Upper Dk. 2838.83

Do. of Poop 85.42

Do. of Forecastle 19.59

Do. of Bridge House 26.05

Do. of Houses on Dk. 4.54

Do. of excess of Hatchways 68.15

Do. above Crown of Engine Room 53.29

Gross Tonnage 3095.87

Less Crew Space 149.05

Less above Crown of Engine Room 990.68

Less Navigation Spaces 95.76

Register Tonnage 1860.38

as out on Beam 100

CLASS + 100 A1.

Breadth (greatest moulded) 46.5

Depth, at middle of length from top of keel to top of upper deck beams at side 25.5

Transverse Number 72.0

Length on deck from fore part of stem to after part of stern post 331

Longitudinal Number 23832

Depth "d," at middle of length (See Secs. 2 & 13) 20.7

Proportions—Depths to Length—Upper Deck Beam at side to top of keel 12.98

" " Long Bridge Deck Beam at side to top of keel

Master E. Witten.

Year of appointment 1898

Built at West Hartlepool.

When built 1918. Launched 30. Jan. 1918.

By whom built W. Gray & Co. Ltd.

Owner The Shipping Controller.

Managers G. B. Harland & Co.

(Where necessary to be entered in Reg. Book)

Residence West Hartlepool.

Port belonging to London.

Destined Voyage

If Surveyed while Building, Afloat, & in Dry Dock Yes.

LENGTH on Deck as per Rule	Feet.	Inches.	BREADTH—Moulded	Feet.	Inches.	DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams	Feet.	Inches.	No. of Decks with flat laid	No. of Tiers of Beams
331.1	0		46.7	6		23.25	23	2 1/2	One	One

Dimensions of Ship per Register.	Length	331.1	breadth	46.7	depth	23.25	Moulded depth, ft.	33	ins.	0	To Bridge Dk.	Round of Upper Dk. Beam, Actual	1 1/2	ins.
							Moulded depth, ft.	25	ins.	6	To Upper Dk.			

FRAMING.						PILLARS.					
FRAME, Angles, or E. L. Bars amidships						PILLARS, In 'tween Deck, size and spacing					
Do. in peaks	9	3 1/2	6 1/2	9	3 1/2	Hold	23 3/4	49	23 3/4	49	
Do. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	36	3 1/2	36	Quarter 'tween Dks.,	4 3/4		4 3/4		
" " at intermdt. Bkts.	24 1/2			24 1/2		" in Hold					
Spacing of Frames from centre to centre amidships	24			24							
" " length to Collision bulkhead	24			24							
" " in peaks	3 1/2	3 1/2	36	3 1/2	36						
REVERSED FRAME, Angles.	3 1/2	3 1/2	36	3 1/2	36						
Do. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	36	3 1/2	36						
" " at intermdt. Bkts.	9			9							
FRAMING, depth of girder	9			9							
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships	E=36	B=46	E=36	B=46							
" 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											
FLOORS in Cell. Double Bottoms	39	36	39	36							
" state if flanged (top & bottom)	no.		no.								
" Spacing of Solid floors	24 1/2		24 1/2								
CENTRE GIRDER, in Dbl. bottom, depth & thickness	39	48	39	48							
" " Angles, Top	6	60	6	60							
" " Bottom	3 1/2	36	3 1/2	36							
" " to Floors	3 1/2	36	3 1/2	36							
" Brackets at intermdt. frmg., width & thknss	One	34	One	34							
SIDE GIRDERS, number on each side & thickness	no.		no.								
" state if flanged (top and bottom)	3 1/2	36	3 1/2	36							
" Angles (top and bottom)	3 1/2	36	3 1/2	36							
" to Floors	3 1/2	36	3 1/2	36							
MARGIN PLATE, depth (exclusive of flange) and thickness	43	42	43	42							
" Angle to Outside Plating	3 1/2	36	3 1/2	36							
" " Floors		36		36							
" Brackets at intermdt. frmg., width & thknss	41		41								
Height of Outside Brackets above at bilge	60	44	60	44							
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	E=44	B=52	E=44	B=52							
" " in Engine and Boiler space		36		36							
" Remainder in Holds	9	50	9	50							
BEAMS, Upper Deck, Single Angle, Bulb, Angle, Plate, Tee Bulb, or Channel	"	42	"	42							
" In way of Long Bridge	24 1/2		24 1/2								
" Spacing											
BEAMS, Second Deck, Single Angle, Bulb, Angle, Plate, Tee Bulb, or Channel											
" Spacing											
BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel											
" Angles on upper edge											
" Spacing											
BEAMS, Poop Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	8	38	8	38							
" Angles on upper edge	24	24 1/2	24	24 1/2							
" Spacing											
BEAMS, Bridge Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	9	42	9	42							
" Angles on upper edge	24 1/2		24 1/2								
" Spacing											
BEAMS, Forecastle Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	9	42	9	42							
" Angles on upper edge	24 1/2		24 1/2								
" Spacing											
						KEELSONS & STRINGERS.					
						CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate					
						Rider Plate					
						Flat Plate Keel Angles					
						Horizontal Plates on Floors					
						Angles or Bulb Angles					
						SIDE KEELSONS, Number					
						Angles or Bulb Angles					
						Plate above floors, for length					
						Intercoastal Plate, for length					
						Attached to outside Plating with Angle					
						BILGE KEELSON, Angles					
						Intercoastal Plate for length					
						Attached to outside Plating with Angle					
						SIDE STRINGERS, Number					
						Angle					
						Intercoastal Plate, for length					
						Attached to outside plating with Angle					
						Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)					
						br'dth & thickness (in way of Bridge)					
						Angle (clear of Bridge)					
						Tie Plates at sides of Hatchways					
						Deck * Iron or Steel, for length					
						Thickness (clear of Bridge)					
						(in way of Bridge)					
						Wood Deck. Material & thickness					
						Second Deck Stringer Plate, br'dth & thickness					
						Angles on ditto, No.					
						Tie Plates outside Hatchways					
						Deck * Iron or Steel, for length					
						Wood Deck. Material & thickness					
						Third Deck Stringer Plate, br'dth & thickness					
						Angles on ditto, No.					
						Tie Plates, outside Hatchways					
						Deck * Material and thickness					
						Fourth and Fifth Deck Stringer Plate, breadth & thickness					
						Angles on ditto, No.					
						Tie Plates outside Hatchways					
						Deck. Material & thickness					
						Poop Deck Stringer Plate, breadth & thickness					
						Angle on ditto					
						Tie Plates					
						Deck. Material and thickness					
						Bridge Deck Stringer Plate, br'dth & thickness					
						Angle on ditto					
						Tie Plates					
						Deck. Material and thickness					
						Forecastle Deck Stringer Plate, br'dth & thickness					
						Angle on ditto					
						Tie Plates					
						Deck. Material and thickness					

* If Iron or Steel Deck, state if whole or part, and if Wood Deck is laid thereon.

WEB FRAMES.

WEB-FRAMES, In Fore Body, No. and spacing
" " " " brdth. & thickness
" " " " No. of Side Stringers
WEB-FRAMES, In E. & 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, Single or Double, Height up, state deck
W.T. BULKHEADS
" COLLISION PARTITION
" LONGITUDINAL

PLATING.

AS IN SHIP
STRAKES
FLAT PLATE KEEL
GARBOARD OF A STRAKE
State actual thickness in way of Double Bottom
THICKNESS OF SHEET PILING
CLEAR OF LONG BRIDGE
DO. OF STRAKE BELOW
DECK OF Flat Plate Keel
Sheerstrakes
Length and thickness
POOP SIDES
FORECASTLE SIDES

FORGINGS OR CASTINGS.

KEEL, Bar, depth and thickness
STEM, moulding and thickness
STERN-POST for Rudder do. do.
" " " " for Propeller
RUDDER, A x D Table 22. Speed
Main-Piece, diameter at head
" " " " at heel

RUDDER, how constructed
Thickness of Plate
Can the Rudder be unshipped afloat?
Manufacturer's name or trade mark of the Iron or Steel (state process of manufacture of Steel) used for Frames, Floors, Beams, Keelsons, Tie and Stringer Plates, Plating, &c.
Consent: Dorman, Long & Co. Ltd.
Has the Steel been tested as required by the Rules?

RIVETING.

EDGE Ordinary or jogged?
BUTTS
RIVETS
STRAPS
IF LAPPED

MASTS, STARS, &c.

Material, Total Length, Diameter and Thickness, No. of Plates, RIGGING, Material and Size, Shrouds, Sails, Sails, and the following spare sails

C. S. Head No. 927 tested by D.D.W.

EQUIPMENT No. 24961, LETTER "u"

ANCHORS.

Number of Certificate, Anchors, Weight, Ex. Stock, Weight of Stock, Test, Per Certificate, Weight Required by Table 21, Description of Anchor, Makers, Where and when tested and Superintendent

CHAIN CABLES.

Number of Certificate, Length and girth, Test per Certificate, Weight of Chain Cable, Length and Size, Description, Makers of Cables, Where and when tested, and Superintendent, Material, Length and Size, Breaking Test of Steel Wire, Length and Size, per Table 31

HAWSERS AND WARPS.

Number of Certificate, Length and girth, Test per Certificate, Weight of Chain Cable, Length and Size, Description, Makers of Cables, Where and when tested, and Superintendent, Material, Length and Size, Breaking Test of Steel Wire, Length and Size, per Table 31

Boats
Two 24 ft. lifeboats & two 16 ft. dinghies.
Pumps, Number 4 Hand Pump to Fore Peak tank.
Windlass is by Gimerson, Walker & Thompson, Bro. Ltd.
Engine Room Skylights—How constructed? Steel
Coal Bunker Openings—How constructed? Steel
Number of Scuppers, and numbers and dimensions of Freeing Ports, &c.
Ceiling in Holds, thickness and material
Cargo Hatchways—How formed?
State size No. 1 Hatch (Forward)
Number of Web Plates, Stringers, Beams and Fore and Afters to each Hatch
Bulwarks, height above deck and description
The foregoing is a correct description.
Builder's Signature (here only)
Surveyor's Signature
Director
Secretary's Letter

Workmanship. Are the butts of plating planed or otherwise fitted? Planed & overlapped.
Is the riveted work properly closed? Yes.
Are the liners between the frames and plates solid single pieces? Yes.
to plate, &c., conform well to each other? Yes.
from the faying surfaces? Yes.
Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? Yes.
Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? Yes.
General Remarks (State quality of workmanship, &c.)

This vessel has been built in accordance with the approved plans & specification (as amended), the Secretary's letter referred to above and in other respects in conformity with the Rules. The materials and workmanship are good. The W.T. Bulkheads, magazine bulkheads, and shaft tunnel have been knee-tested and found satisfactory. Vessel is without cargo battens. Wood lining is not fitted on the hold side of the Boiler Room Bulkhead. Wireless and electric lighting installations have been supplied. Vessel has been placed in Dry Dock and the bottom and rudder, cleaned, examined and recoated. Prints of the midship section, Profile and Decks, also 1 forging report are forwarded herewith.

Sister Vessel = "War Country". 15 Hpl. Rpt. No. 15473.
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 £
Special Survey Fee £ 137. 12/-
Travelling Expenses, if any £
Fees applied for,
22/5/1918.
Received by me, Thk.
24/5/1918.
Certificate to be sent to West Hartlepool, Date of issue 4/6/18.
State whether the Vessel has been built under Special Survey Yes.
I am of opinion this Vessel should be Classed + 100 A1 (Steel) Cargo battens not fitted.
With, or without Freeboard, as condition of Class without.
Committee's Minute
Character assigned
Lloyd's A. & B. P.
+ P.M.C. 5.18 P.D.
Cargo Battens not fitted
Surveyor to Lloyd's Register of Shipping.

007988-007997-0220212

GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ^{32.9} ft., R.Q.D. ☒ ft., Bridge ¹⁰⁰ ft., Forecastle ^{28.5} 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 should appear in the Register Book) *One deck. (Steel.)*

Official No. *142416*; 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. *Cellular System*

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	<i>102.08</i>	<i>226</i>	Fore peak tank,	<input checked="" type="checkbox"/>	<i>71</i>
Double bottom, under Engines and Boilers,	<i>38.79</i>	<i>135</i>	After peak tank,	<input checked="" type="checkbox"/>	<i>130</i>
Double bottom, if under Engines only,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Deep tank, aft,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Double bottom, if under Boilers only,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Deep tank, forward,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Double bottom, forward,	<i>142.91</i>	<i>380</i>	Other tanks, if fitted,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Total capacity of double bottom	<i>741</i>	(If necessary, furnish further information by sketch.)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

* 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. *2231*

Date *22nd May 1917*

No. *895*, in builder's yard.

(Type "C.")

DAYS of Surveys held while building

1917. July 30. Aug 1. 17. 20. 29. Sep 3. 11. 13. 20. 23. 28. Oct 1. 3. 11. 18. 23. 25. 31. 1918. Jan 9. 14. 15. 17. 21. 22. 24. 25. 28. 30. Feb 1. 15. 18. Mar 13. 14. 21. April 3. 5. 12. 15. 18. 23. 26. 30. May 2. 6. 8. 10. 13. 14. 15. 16.

Total No. of Visits *61*

Surveyor's Signature

Jas. W. Swanwick

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