

With or Without

STEEL STEAMER.

Disconnected Erections.

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

Yes.

Received at London Office. TUE 12 FEB 1918

Date of completion of report

9th February, 1918.

Port of

West Hartlepool.

Survey held at

West Hartlepool

Date, First Survey

Last Survey

31st January 1918.

On the Steel Single Screw Steamer

"WAR ARABIS." (Yard No. 896.)

Rig (See under "Machinery.")

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 House

Do. of Hatchways

Do. above Crown of

Engine Room

Gross Tonnage

Less Crew Space

Less above Crown of

Engine Room

TONNAGE FOR FEES

Less Engine Room

Less Navigation Spaces

CLASS + 100 A1

FEET.

Breadth (greatest moulded)

52.00

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

31.00

Transverse Number

83.00

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

400.00

Longitudinal Number

33200.0

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

27.5

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

12.9

Long Bridge Deck Beam at side to top of keel

Master G. R. Ritch.

Year of appointment

West Hartlepool.

When built 1918.

By whom built W. Gray & Co. Ltd.

Owner The Shipping Controller.

Managers Philipps, Philipps & Co. Ltd.

Residence London.

Port belonging to London.

Register Tonnage

3172 1/2

Destined Voyage

Italy.

If Surveyed while Building, Afloat, or in Dry Dock

Yes.

LENGTH on Deck as per Rule 400 0 BREADTH Moulded 52 0 DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams 28 6

No. of Decks with flat laid One. No. of Tiers of Beams One.

Dimensions of Ship per Register, Length 400-0 breadth 52-4 depth 28-5 Moulded depth, ft. 38 ins. 11 1/2 To Bridge Dk. Round of Upper Dk. Beam, Actual 13 ins.

FRAMING. Inches in Ship. Inches in Ship. Inches in Ship. Inches in Ship. Inches in Ship. Inches in Ship.

FRAME, Angle, Bars amidships 10 3 1/2 46 10 3 1/2 46

Do. in peaks 8 3 38 8 3 38

Do. in way of Double Bottoms at Solid Floors 3 1/2 3 1/2 40 3 1/2 3 1/2 40

" " L at intermdt. Bkts. 9 3 1/2 42 9 3 1/2 42

Spacing of Frames from centre to centre amidships 26 26

" " length to Collision bulkhead 24 24

" " in peaks 6 3 1/2 42 6 3 1/2 42

(REVERSED FRAME, Angle, Dep. framing) 3 1/2 3 1/2 40 3 1/2 3 1/2 40

Do. in way of Double Bottoms at Solid Floors 8 3 46 8 3 46

" " L at intermdt. Bkts. 11 1/2 11 1/2

FRAMING, depth of girder Cellular Double Bottom.

FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships E=42 B=50 E=42 B=50

" 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 43 42 43 42

FLOORS & BRACKETS in Cell Dble Bottoms

" state if flanged (top & bottom)

" Spacing (every 3rd frame) 78 78

CENTRE GIRDER, in Dbl. bottom, dpth. & thickness 43 50 43 50

" Angle, Top (Single) 6 6 66 6 6 66

" Bottom 6 6 46 6 6 46

" to Floors 6 6 42 6 6 42

SIDE GIRDERS, number on each side & thickness 10 3 1/2 46 10 3 1/2 46

" state if flanged (top and bottom)

" Angles (top and bottom) 3 1/2 3 1/2 40 3 1/2 3 1/2 40

" to Floors 40 38 48

MARGIN PLATE, depth (exclusive of flange) and thickness 3 1/2 3 1/2 50 3 1/2 3 1/2 50

" Angle to Outside Plating 6 6 42 6 6 42

" Floors 50 50

" Height of Brackets above at bilge 72 50 43 50

INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake E=48 B=56 E=48 B=56

" in Engine and Boiler space 42 42

" Remainder in Holds 10 3 1/2 46 10 3 1/2 46

BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel

" Angles on upper edge

" In way of Long Bridge 26 26

" Spacing

BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel

" Angles on upper edge

" 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

" Angles on upper edge

" Spacing

BEAMS, Bridge Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel

" Angles on upper edge

" Spacing

BEAMS, Forecastle Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel

" Angles on upper edge

" Spacing

PILLARS. Inches in Ship. Inches in Ship. Inches in Ship. Inches in Ship. Inches in Ship. Inches in Ship.

PILLARS, In 'tween Deck, size and spacing 2 7/8 52 2 7/8 52

" " Hold 5 3/4 5 3/4

" Quarter 'tween Dks. 5 3/4 5 3/4

" " in Hold 5 3/4 5 3/4

KEELSONS & STRINGERS. Inches in Ship. Inches in Ship. Inches in Ship. Inches in Ship. Inches in Ship. Inches in Ship.

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) 80 90 80 90

" " " " br'dth & thickness (in way of Bridge) 6 x 6 60 6 x 6 52

" " " " Angle (clear of Bridge) 6 x 6 60 6 x 6 52

" " " " Tie Plates at sides of Hatchways

" Deck, Iron or Steel, for whole lng.

" 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 lng.

" 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, br'dth & thickness

" Angles on ditto, No.

" Tie Plates outside Hatchways

" Deck, Material & thickness

Poop Deck Stringer Plate, breadth & thickness 35 30 35 30

" Angle on ditto 3 1/2 x 3 1/2 34 3 1/2 x 3 1/2 34

" Tie Plates (18" waterway) Sheathing 5" 2 1/2" Pine

" Deck, Material and thickness Steel 25 25

Bridge Deck Stringer Plate, br'dth & thickness 55 54 55 54

" Angle on ditto 6 x 6 48 6 x 6 48

" Tie Plates

" Deck, Material and thickness Steel 44 44

Forecastle Deck Stringer Plate, br'dth & thickness 40 30 35 30

" Angle on ditto 3 1/2 x 3 1/2 34 3 1/2 x 3 1/2 34

" Tie Plates

" Deck, Material and thickness Steel 30 25

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. PLATING. RIVETING. BUTTS. Upper Deck. Second Deck. FRAMES extend in one length from. REVERSED FRAMES on floors and frames extend from. MASTS, SPARS, &c.

C. S. Head for 2nd and 2 Anchor tested by B/C Surveyors at Gls. - and C. S. Head 2nd 1173 (2nd 3 Anchor) by W.C. Huse. EQUIPMENT No. 34518. LETTER Y. ANCHORS. TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS. CHAIN CABLES. HAWSERS AND WARPS. Boats Two 28 ft. lifeboats, two 18 ft. dinghies. Steering Gear, Steam. Steering Gear, Hand. Pumps, Number. Windlass is. Engine Room Skylights. Coal Bunker Openings. Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. Ceiling in Holds, thickness and material. Cargo Hatchways. State size No. 1 Hatch (Forward). Number of Web Plates, shifting Bunks and Fore and Afters to each Hatch. Bulwarks, height above deck and description. Correspondence. Workmanship. Is the riveted work properly closed? Are the liners between the frames and plates solid single pieces? 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 double bottom tanks (except under the Engines & Boilers) have been prepared for the carriage of Oil. The manhole covers are of Ordinary type and packed with 3/8" asbestos tape. The air & sounding pipes to these tanks have been tested under water pressure to the height of the uppermost deck and found satisfactory. The W.T. Bulkheads have been knee-tested with satisfactory results. Wireless and Electric Lighting Installations have been supplied. Steam and Auxiliary Steering Gears, and Steam Windlass have been examined under working conditions with satisfactory results. The tunnel W.T. Door has been dispensed with and two escapes have been arranged from the tunnel to the upper deck. Vessel has been placed in Dry Dock and the bottom and rudder cleaned, examined and recoated.

GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 49.2 ft., R.Q.D. ☒ ft., Bridge 112.6 ft., Forecastle 38.7 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) One deck. (Steel.)

Official No. 142296; 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 Cell. System.

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	<u>125.66</u>	<u>379</u>	Fore peak tank,	<input checked="" type="checkbox"/>	<u>116</u>
Double bottom, under Engines and Boilers,	<u>39</u>	<u>160</u>	After peak tank,	<input checked="" type="checkbox"/>	<u>174</u>
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,	<u>179.83</u>	<u>590</u>	Other tanks, if fitted,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Total capacity of double bottom,		<u>1129</u>	(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. 2732
Date 22nd May 1917
No. 896 in builder's yard.
DATES of Surveys held while building
1917. Mar 28. 29. Apr 11. 25. May 2. 3. 7. 11. 15. 16. 18. 22. 25. 30. June 5. 6. 9. 11. 13. 14. 19. 27. July 2. 12. 23. 24. 27. Aug 1. 3. 13. 24. 27. 29. Sep 6. 11. 18. 20. 24. 26. Oct 2. 3. 4. 9. 15. 17. 18. 23. Nov 1. 2. 5. 6. 16. 21. 22. 26. 28. Dec 3. 13. 14. 17. 20. 27. 1918. Jan 9. 11. 14. 15. 17. 21. 22. 23. 24. 25. 28. 29.
Total No. of Visits 74

Surveyor's Signature

James Stuart
Lloyd's Register Foundation