

With or Without Disconnected Erections.

STEEL STEAMER.

Received at London Office

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

Date of completion of report *13 September 1918*
Survey held at *Alloa*

Port of *Lith*

Date, First Survey *Apr 26 1917*

Last Survey *13 Sep 1918*

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

"*WAR CLARION*"

Rig *Signal mast amidships*

TONNAGE under Tonnage Deck... *146.98*

CLASS *+100A1*

FEET.

Master *W. H. Aitchison*

Year of appointment

(1) As Master in service of owner of present vessel:—1918
(2) As Master of this vessel:—1918

Built at *Alloa*

When built *1918* Launched *29 June 1918*

By whom built *The North Shipbuilding & Eng'g Co. Ltd.*

Owners *Controller of Shipping*

Managers *R. Mackie & Co.*

Residence *56 Bernard St. Lith*

Port belonging to *London*

Do. between Tonnage Dk. and 3rd and 4th Dk. *146.98*
Total under Upper Dk. *146.98*
Do. of Poop *69.88*
Do. of R.Q.Dk. *169.34*
Do. of Bridge House *99.02*
Do. of Forecastle *5.04*
Do. of Houses on Dk. *95.39*
Do. of excess of Hatchways *124.19*
Do. above Crown of Engine Room *2326.87*
Gross Tonnage *2326.87*
Less Crew Space *124.01*
Less above Crown of Engine Room *2202.86*
TONNAGE FOR FEES... *2202.86*
Less Engine Room *744.60*
Less Navigation Spaces *142.93*

Breadth (greatest moulded) *41.75*
Depth, at middle of length from top of keel to top of upper deck beams at side *22.20*
Transverse Number *62.95*
Length on deck from fore part of stem to after part of stern post *284.6*
Longitudinal Number *149.15*
Depth "d," at middle of length (See Secs. 2 & 13) *18.20*
Proportions—Depths to Length—Upper Deck Beam at side to top of keel *13.42/100*
Long Bridge Deck Beam at side to top of keel *10.96/100*

Net Tonnage *1315.33*

Destined Voyage

If Surveyed while Building *Afloat, or in Dry Dock* *Yes*

WIDTH on Deck 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	
		284		1/2				41		9		Do.		do.		do.		do.		Second Dk. Beams	
Dimensions of Ship per Register. Length 285.5 breadth 41.9 depth 19.1 Moulded depth, ft. 28 ins. 5 1/2 To Bridge Dk. Round of Upper Dk. Beam, Actual 10 1/2 ins. Moulded depth, ft. 21 ins. 2 1/2 To Upper Dk.																					
FRAMING.												PILLARS.									
NAME, Angles, or Bars amidships												PILLARS, In Hold Deck, size and spacing									
in peaks												" " Hold to B. space " "									
in way of Double Bottoms at Solid Floors												" Quarter 'tween Dks., " "									
" " at intermdt. Bkts.												" " in Hold " "									
ing of Frames from centre to centre amidships												KEELSONS & STRINGERS.									
" " from 1/2 length to Collision bulkhead												CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate									
" " in peaks												" Rider Plate									
ERSED FRAME, Angles												" Flat Plate Keel Angles									
in way of Double Bottoms at Solid Floors												" Horizontal Plates on Floors									
" " at intermdt. Bkts.												" Angles or Bulb Angles									
ING, depth of girder												SIDE KEELSONS, Number									
ORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships												" Angles or Bulb Angles									
in way of Engine and Boiler Spaces												" Plate above floors, for length									
thickness at the ends of vessel												" Intercoastal Plate, for length									
depth at 1/2 the half breadth, as per Rule												" Attached to outside Plating with Angle									
height extended at the Bilges												BILGE KEELSON, Angles									
ORS in Cell. Double Bottoms												" Intercoastal Plate for length									
state if flanged (top & bottom)												" Attached to outside Plating with Angle									
Spacing of Solid floors												SIDE STRINGERS, Number									
REG GIRDER, in Dbl. bottom, dpth. & thcknss.												" " Angle									
" Angles, Top												" Intercoastal Plate, for length									
" " Bottom												" Attached to outside plating with Angle									
" " to Floors												Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)									
Brackets at intermdt. frmg., wdth & thcknss												" " " " br'dth & thickness (in way of Bridge)									
GIRDERS, number on each side & thickness												" " " " Angle (clear of Bridge)									
state if flanged (top and bottom)												" " Tie Plate at sides of Hatchways									
Angles (top and bottom)												" Deck. * Iron or Steel, for full lng.									
to Floors												" Thickness (clear of Bridge)									
IN PLATE, depth (exclusive of flange) and thickness												" " (in way of Bridge)									
Angle to Outside Plating												" Wood Deck, Material & thickness									
Floors												Second Deck Stringer Plate, br'dth & thickness									
Brackets at intermdt. frmg., wdth & thcknss												" Angles on ditto, No.									
Height of Outside Brackets above at bilge												" Tie Plates outside Hatchways									
BOTTOM PLATING, breadth and thickness of Middle Line Strake												" Deck. * Iron or Steel, for full lng.									
in Engine and Boiler space												" Wood Deck, Material & thickness									
Remainder in Holds												Third Deck Stringer Plate, br'dth & thickness									
Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel												" Angles on ditto, No.									
In way of Long Bridge												" Tie Plates, outside Hatchways									
Spacing												" Deck. * Material and thickness									
Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel												Fourth and Fifth Deck Stringer Plate, breadth & thickness									
Spacing												" Angles on ditto, No.									
Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel												" Tie Plates outside Hatchways									
Angles on upper edge												" Deck, Material & thickness									
Spacing												Poop Deck Stringer Plate, breadth & thickness									
Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel												" Angle on ditto									
Angles on upper edge												" Tie Plates									
Spacing												" Deck, Material and thickness									
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel												Bridge Deck Stringer Plate, br'dth & thickness									
Angles on upper edge												" Angle on ditto									
Spacing												" Tie Plates									
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel												" Deck, Material and thickness									
Angles on upper edge												Forecastle Deck Stringer Plate, br'dth & th'kns									
Spacing												" Angle on ditto									
												" Tie Plates									
												" Deck, Material and thickness									

[illegible]

EQUIPMENT No. 14080						LETTER S						ANCHORS.						TONNAGE U.D.K. OR PLATING NO. FOR TRAWLERS ✓					
Number of Certificate.		Anchors.		WEIGHT, EX STOCK		WEIGHT OF STOCK		TEST, PER CERTIFICATE.		WEIGHT REQUIRED BY TABLE 31.		Description of Anchor.		Makers.		Where and when tested and Superintendent.							
Cws.	qrs.	lbs.	Cws.	qrs.	lbs.	Tons.	cws.	qrs.	lbs.	Cws.	qrs.	lbs.											
28596	1st Bower	39	0	10			35	4	0	7	38	3	0	John Penn Old Mill	Grady & Watson 18	S.B. Paul							
28591	2nd "	34	3	18	"		34	8	0	14	38	3	0	do	do	do							
28592	3rd "	32	2	12	"		30	11	3	14	32	2	0	do	do	do							
	4th "													do	do	do							
	Collective weight.	109	2	12						110	0	0											
28548	Stream	10	0	14	2	2	12	2	0	21	10	0	0	Chalmers	do	do 13-5-18 do							
	Kedge																						

CHAIN CABLES.										HAWSERS AND WARPS.													
Number of Certificate.		Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.		Length and Size per Table 31.		Description.		Makers of Cables.		Where and when tested and Superintendent.		Material.		Length and Size supplied.		Breaking Test of Steel Wire Towline.		Length and Size per Table 31.	
Length.	Diam.	Status.	Break.	Supplied.	For Rule.	Length.	Diam.	Fathoms.	Lbs.									Length.	Cir.	Inches.	Fathoms.	Length.	Cir.
25159	Fathoms 210	Ins. 1 1/2	Tons 39.22	Qrs. 0.45	Qrs. 0.14	210	1 1/2			Thos. Kirk John Penn Old Mill Grady & Watson 18	S.B. Paul							TOW LINE	Fathoms 90	Ins. 4	Tons 3.3	90	4
																		HAWSERS & WARPS	2-90	2 1/2	1 1/2	2-90	2 1/2
																			2-90	2 1/2	1 1/2	2-90	2 1/2

Boats 2 Lifeboats 24 x 7.6 x 3.3 - 2 Dunlop 16 or 5.6 x 2.3 Steering Gear, Steam John Penn Old Mill Steering Gear, Hand Westman Express Works
Pumps, Number One 6 Four pump log Diameter of Barrel 4 1/2 State whether they are in efficient working order Yes
Windlass is Emson, Walker & Thompson Brn L^d Sashless Capstan
Engine Room Skylights.—How constructed Thos. Kirk & Co. What arrangements for deadlights in bad weather? None
Coal Bunker Openings.—How constructed Built angles How are lids secured Wood blocks, tarpaulins & chains eight above deck 2' 6" hatch covers hinged
Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. 3 scuppers each side + 4 freeing ports each side 5'-2" x 1'-6"
Ceiling in Holds, thickness and material None Cargo Battens, thickness and material None
Cargo Hatchways.—How formed Thos. Kirk & Co., battens, tarpaulins & wood blocks Hatches, If strong and efficient? Yes
State size No. 1 Hatch (Forward) 24'0" x 25'4" x 1'6" No. 2 Hatch 42'0" x 28'0" x 4'2" No. 3 Hatch 25'0" x 28'0" x 2'6" No. 4 Hatch 35'0" x 25'6" x 2'6" x 4'
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch five in No. 1, 3 x 4 heels + 8 in No. 2 Hatch
No. of Breasthooks Three No. of Crutches Three
Bulwarks, height above deck and description for bulwark 4'0" x 25'4" x 1'6" Main Rail, material and size 1 1/2 x 3 x 38 Butt angle
The foregoing is a correct description.
Builder's Signature (here only) The Ferth Shipbuilding & Engineering Co., Ltd. Surveyor's Signature J. Henderson
Correspondence.—State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case) 1918, Apr. 12 M., 13 M., 17 M., 20 M., 23 M., 26 M., 29 M., 30 M., May 11 M., 16 M., July 25 M., 30 M., Aug. 2 M., 28 M., Sep. 8 M., Nov. 22 M., 1918, Jan. 22 M., Apr. 11 M., 29 M., E. 30 E., May 11 E., June 13 M., July 4 E., 23 M.
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 (Brackets fitted)
to plate, &c., conform well to each other? Yes Do the holes for riveting plate to frames, butt straps, or plate from the faying surfaces? Yes
Are the 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.) The workmanship & materials are good—no cargo battens or cutting fitted, steel plates fitted over timbers—Welders litography fitted.

This vessel has been built under Special Survey in accordance with the approved plans of Midship Section forwarded to London on the 5th September 1918. & in the conformity with the Rules of the Society

For my report hereunto enclosed along with certificates of Completion duly signed Form 2.

The Report Number 15403 "War Piroch"
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 £ 102. 17. 4 Fees applied for, 19
Special Survey Fee £ 134. 6. 0 Received by me. 18
Travelling Expenses, if any £ ✓ : 3.10.18
Certificate to be sent to Date of issue 8/10/18
State whether the Vessel has been built under Special Survey Yes
I am of opinion this Vessel should be Classed +100A (CL.F.C.P.)
With, or without Freeboard, as condition of Class Without
Committee's Minute
Character assigned
FRI 27 SEP 1918
+ 100A
Cargobottom not fitted
Lloyd's Reg. D
+ 100A 9.18
F.D.
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GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 24.64 ft., R.Q.D. 26.64 ft., Bridge 64.0 ft., Forecastle 32.4 ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated *Poop on top of Quarter Deck*

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 should appear in the Register Book) *One steel deck one tier of beams.*

Official No. 142641; Signal Letters _____ State if Machinery is fitted aft *No*
How are the surfaces preserved from oxidation? Inside *Paint + Cement* 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,	72.0	145	Fore peak tank,	23.0	108
Double bottom, under Engines and Boilers, <i>W.T. Centre Division</i>	40.0	134	After peak tank,	26.8	238
Double bottom, if under Engines only,	✓	✓	Deep tank, aft,		
Double bottom, if under Boilers only,	✓	✓	Deep tank, forward,		
Double bottom, forward,	116.0	284	Other tanks, if fitted,		
Total capacity of double bottom		566	(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. 1032
Date 7th April 1914
No. 36 in builder's yard.
DATES of Surveys held while building
1914. Sept. 26. Oct. 5. 10. 17. 24. 31. Nov. 2. 4. 16. 21. 28. 30. Dec. 3. 4. 14. 24. 28. 1918. 9. 23. 28. 30. Feb. 6. 11. 27. Mar. 6. 11. 15. 22. 25. 27. Apr. 1. 5. 10. 19. 23. May 3. 13. 15. 18. 22. 24. 29. June 3. 5. 10. 12. 17. 28. July 1. 3. 6. 11. 13. 16. 19. 26. 29. 31. Aug. 2. 5. 7. 20. 26. 30. Sept. 4. 9. 13th

Surveyor's Signature

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