

SAT. APR. 26 1924

Received at London Office

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

Port of NEWCASTLE-ON-TYNE

Date of completion of report 24th April 1924 Port of NEWCASTLE-ON-TYNE No. 100
Survey held at Newcastle-on-Tyne Date, First Survey 29 August 1923 Last Survey 17 April 1924

On the (Single, Twin, or Triple Screw) steel screw steamer CAMBERWELL

Rig Schooner

TONNAGE under }	
Tonnage Deck... }	
Do. between Tonnage Dk. }	
and 3rd and 4th Dk. }	
Total under Upper Dk.	
Do. of Deep Break	69.93
Do. of R.Q.Dk.	43.00
Do. of Bridge House	3.87
Do. of Forecastle House	57.31
Do. of Houses on Dk.	84.52
Do. of excess of Hatchways	
Do. above Crown of	
Engine Room	
Gross Tonnage	1567.99
Less Crew Space	
Less above Crown of }	
Engine Room .. }	
TONNAGE FOR FEES..	
Less Engine Room	501.76
Less Navigation Spaces	161.79

CLASS 100A1

FEET.

Master

Year of appointment	owner of present vessel—19
	(2) As Master of this
	vessel 19

Built at Willington Quay
When built 1924 Launched 6th March 1924

By whom built Tyne Iron S. B. Co. Ltd

✓ Owners. South Metropolitan Gas Co

Managers

(Where necessary to be entered in Reg. Book.)

Residence London

'Port belonging to London

Register Tonnage 904.44
as cut on Beam

Destined Voyage London

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

LENGTH on Deck as per Rule . . .	Fect.	Inches.	BREADTH— Moulded . . .	Fect.	Inches.	DEPTH, ACTUAL— Top of Floors to top of Upper Dk. Beams Do. do. do. do. Second Dk. Beams	Fect.	Inches.	No. of Decks with flat laid No. of Tiers of Beams	<i>one</i> <i>one</i>
244		0	36		6		18	5		

Dimensions of Ship per Register, Length 244.1 breadth 36.75 depth 18.50. Moulded depth, ft. 22 ins. 10 To Base Dk. Round of Upper } 9 ins.
Moulded depth, ft. 20 ins. 6 To Upper Dk. Dk. Beam, Actual }

FRAMING.

Angle, ~~in~~ Bars amidships

in peaks

in way of Double Bottoms at Solid Floors

" " at intermdt. Bkts.

ing of Frames from centre to centre amidships

" " length to Collision bulkhead

" " in peaks.

ERSED FRAME, Angles

in way of Double Bottoms at Solid Floors

" " at intermdt. Bkts.

AMING, depth of girder

DOORS, depth and thickness of Floor Plate

at mid-line for ¼ length amidships...

in way of Engine and Boiler Spaces

thickness at the ends of vessel

depth at ½ the half breadth, as per Rule

height extended at the Bilges

DOORS in Cell. Double Bottoms

state if flanged (top & bottom)

Spacing of Solid floors

CENTRE GIRDER, in Dbl. bottom, dpth. & thknss.

" Angles, Top

" Bottom

" to Floors

Brackets at intermdt. frmg., wdth & thknss

DE GIRDERS, number on each side & thickness

state if flanged (top and bottom)

Angles (top and bottom)

to Floors

MARGIN PLATE, depth (exclusive of flange)

and thickness

Angle to Outside Plating

Floors

Brackets at intermdt. frmg., wdth & thknss

Height of Outside Brackets above at bilge

INNER BOTTOM PLATING, breadth and

thickness of Middle Line Strake

in Engine and Boiler space

Remainder in Holds

BEAMS, Upper Deck, Single Angle, Bulb

Angle, Plate, Tee Bulb, or Channel

In way of Long Bridge

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, Angle, Bulb Angle, Plate,

Tee Bulb, or Channel

Angles on upper edge

Spacing

BEAMS, Bridge Deck, Angle, Bulb Angle, Plate,

Tee Bulb, or Channel

Angles on upper edge

Spacing

BEAMS, Forecastle Deck, Angle, Bulb Angle,

Plate, Tee Bulb, or Channel

Angles on upper edge

Spacing

Inches in Ship.

Inches in Ship.

Inches in Ship.

Inches per Rule Or as

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

Form No. 1A.—1m,9,20. T.

002816 - 002824 - 0050

[illegible]

EQUIPMENT No. 14700-55				LETTER p.				ANCHORS.				TONNAGE U. DK. OR PLATING No. FOR TRAWLERS			
Number of Certificate.	Anchor.	WEIGHT, EX. STOCK			WEIGHT OF STOCK			TEST, PER CERTIFICATE			WEIGHT REQUIRED BY TABLE 31.	Description of Anchor.	Makers.	Where and when tested and Superintendent.	
27859	1st Bower	Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Byers	Byers & Co. Ltd.	15/2/24	J. H. Butler
27858	2nd "	30	3	7	-	-	-	29	5	2	14	Improved	-do-	5/14/2/24	-do-
27796	3rd "	30	2	7	-	-	-	29	1	3	14	Stockless	-do-	-	-do-
	4th "	26	0	14	-	-	-	25	14	1	14		-do-	-	-do-
	Collective weight.	87	2	0					87	0	0				
57924	Stream	7	3	10	2	0	0	10	0	1	7	Ordinary	Bloomer & Sons Ltd.	5/2/24	W. Drysdale
	Kedge	-	-	-											

Particulars of Drop Test of Cast Steel Anchors, viz. :—
Weight, Surveyor's Initials, Number of Certificate, Date of Test.

1st Bower 19 cwt 3 qrs 7 lbs. W.M. A.3846 25/1/24.
2nd " 19 " 2 " 7 " W.M. A.3847 25/1/24.
3rd " 16 " 2 " 14 " A.B. A.3754 27/9/23.
4th "

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 and Size per Table 31.		Length and Size per Table 31.	
	Fathoms.	Diam.	Statutory.	Supplied.	Per Rule.	Fathoms.	Ins.				Fathoms.	Ins.	Tons.	Fathoms.	Ins.	Fathoms.	Ins.	Fathoms.	Ins.
58471	240	1 10/16	47 1/2	66 1/2	326-0-10319-2-0	240	1 9/16	Stuht	Bloomer & Sons T. 5/2/24. W. Drysdale	TOWLINE	90	3/4	22	90	3/4				
										HAWSERS & WARPS	2-90	2 1/2	12 1/2	2-90	2 1/4				
										"	2-90	2 1/4	9 1/2	2-90	5				
										"	2-90	2	7						

Boats 2 lifeboats tone dinghy
Pumps, Number One to chain locker
Windlass is Emerson Walker & Thompson Bros. Ltd
Engine Room Skylights.—How constructed? Steel plates tangles What arrangements for deadlights in bad weather? Steel flaps & bullseyes
Coal Bunker Openings.—How constructed? Steel plates tangles How are lids secured? Cleats & battens Height above deck? on casing top
Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. 6 @ 3' 3" x 1' 7" each side freeing ports (5 scuppers @ side)
Ceiling in Holds, thickness and material at bilges only
Cargo Hatchways.—How formed? Steel plates and angles Hatches, If strong and efficient? Yes
State size No. 1 Hatch (Forward) 29'-3" x 24'-6" -18'-0" No. 2 Hatch 30'-6" x 25'-0" No. 3 Hatch 31'-6" x 25'-0" No. 4 Hatch 29'-3" x 25'-0" -20'-0"
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch 4 webs at No. 1 and 4 hatchways, 5 at No. 2 and 3.
no fore afters.
No. of Breasthooks 3 No. of Crutches deep floors
Bulwarks, height above deck and description for quarter plate of Main Rail, material and size 7' 3" x 40 bulb angle
The foregoing is a correct description. TYNE IRON SHIP-BUILDING CO. LIMITED
Builder's Signature (here only) J. Thomson
Surveyor's Signature J. Macdonald
Surveyor to Lloyd's Register of Shipping. S. J. Robson

Correspondence.—State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case) M 9/5/23, 18/5, 25/5
7/8, 30/8, 3/9, 14/9, 17/9, 21/9, 9/10, 17/10/23. General Manager. E 15/8/23.

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
Do the holes for riveting plate to frames, butt straps, or plate
Are the rivet holes well and sufficiently countersunk in the plate and punched
Do any rivets break into or through the seams or butts of the plating? Very few.
Are the butts of Plating, Stringers, &c., properly shifted and strapped or lapped? 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.) This vessel has been constructed in accordance with the approved plans, the Secretary's letters as mentioned above and in other respects in compliance with the requirements of the Rules. The materials & workmanship are good. The bulkheads & tunnel have been tested and found to be satisfactory.
The plans (11 in number) are forwarded herewith.

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 £ 5 : 0 : 0
Special Survey Fee £ 153 : 8 : 0
Travelling Expenses, if any £ 6 : 0 : 0
Fees applied for, 14 APR 1924
Received by me, J. Macdonald
Certificate to be sent to NEWCASTLE-ON-TYNE
Date of issue 15/5/24
State whether the Vessel has been built under Special Survey Yes
I am of opinion this Vessel should be Classed 100A1 Lloyd's A & C. P.
With, or without Freeboard, as condition of Class without

Committee's Minute
Character assigned
TUE. APR. 29 1924
Cargo batten not fitted.
Lloyd A & C. P.
+ L.M.B. 4.24
C.L.
W. R. R. R.

The Surveyors are requested not to write on or below the Committee's Minute.

GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ✓ ft., R.Q.D. 95.8 ft., Bridge 50.8 ft., Forecastle 22.2 (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) 10th (STEEL)

Official No. 147619 ; Signal Letters

State if Machinery is fitted aft *no*

How are the surfaces preserved from oxidation? Inside *paint (cement in boiler tank)* 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,	42.7	79	Fore peak tank,	17.5	86
Double bottom, under Engines and Boilers,			After peak tank,	12.0	25
Double bottom, if under Engines only,	18.0	42	Deep tank, aft,	29.2	105
Double bottom, if under Boilers only,	15.7	37	Deep tank, forward,		
Double bottom, forward,	99.0	194	Other tanks, if fitted,		
Total capacity of double bottom		352	(If necessary, furnish further information by sketch.)		

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

State whether the above have been tested as required by the Rules. *yes*

Order for Special Survey No. 5055

Date 1/10/23

No. 227 in builder's yard.

DATES OF SURVEYS held while building

1923 Aug 29. Sep. 3. 4. 7. 12. 14. 19. 24. Oct. 1. 5. 8. 15. 22. 23. 24. 26. 30. Nov. 1. 2. 7. 13. 21. 23. 29. Dec. 3. 11. 13. 19. 27. 1924 Jan. 4. 11. 15. 22. 29. Feb. 4. 7. 11. 12. 13. 15. 18. 20. 27. 28. Mar. 4. 6. 12. 19. 27. Apr. 2. 11.

Total No. of Visits 52

Surveyor's Signature

J. Macdonald *S. Robson*

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