

With or Without Disconnected Erections.

STEEL STEAMER.

Received at London Office FRI. DEC. 27. 1912

Date of completion of report

Survey held at *Newcastle on Tyne*

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

Port of

NEWCASTLE ON TYNE

No.

63455

Date, First Survey *17th May 1912*

Last Survey *20th December 1912*

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

S.S. "COMBE"

Rig *one (one) mast*

TONNAGE under

1593.75

CLASS *100 A.1*

FEET.

Master

Lawrence

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

Breadth (greatest moulded) *38.83*

Year of appointment

Total under Upper Dk.

Depth, at middle of length from top of keel to top of upper deck beams at side *20.92*

Built at *Bill Quay on Tyne*

Do. of Poop

224.06

Do. of R.Q. Dk.

26.84

Do. of Bridge House

29.58

Do. of Forecastle

24.98

Do. of Houses on Dk.

131.97

Do. of excess of Hatchways

2030.38

Do. above Crown of

84.28

Gross Tonnage

1946.10

Less Crew Space

649.72

Less above Crown of

22.99

Engine Room

50.96

Room

1222.43

tion Spaces

1222.43

last

1222.43

tonnage

1222.43

Beam

1222.43

Transverse Number *59.75*

Managers

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

Residence *London*

When built *1912*

Launched *6th November 1912*

By whom built *Messrs Wood Shinnie & Co. Ltd.*

Owners *Stephenson Clarke & Co.*

Port belonging to

London

Destined Voyage *Barrow Hume to Japan* If Surveyed while Building *Afloat, or in Dry Dock*

| Feet. | Inches. | BREADTH— | Feet. | Inches. | DEPTH, ACTUAL— | Feet. | Inches. | No. of Decks with flat laid |
|---------|------------|----------|-----------|-----------|---|-----------|----------|----------------------------------|
| on Deck | | Moulded | | | Top of Floors to top of Upper Dk. Beams | | | <i>one</i> |
| Rule | <i>775</i> | <i>0</i> | <i>38</i> | <i>10</i> | Do. do. do. do. Second Dk. Beams | <i>18</i> | <i>8</i> | No. of Tiers of Beams <i>one</i> |
| | | | | | | | | |
| | | | | | | | | |

Length *275.2* breadth *39.05* depth *18.65* Moulded depth, ft. *25* ins. *0* To Bridge Dk. Round of Upper *10* ins. Dk. Beam, Actual

Feet. Inches. Breadth—Feet. Inches. Depth, Actual—Feet. Inches. No. of Decks with flat laid

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| EQUIPMENT No. 17598 | | | | | | LETTER R. | | | | | | ANCHORS. 5. | | | | | | TONNAGE U.K. OR PLATING No. FOR RAILWAYS | | | | | |
|------------------------|-------------------|----------|------|-------------------|----------|------------------|------|------------------------|------|------------------------------|------|------------------------|-------------------|-----------------|-----------|---|--------------|--|--------------|--|--|--|--|
| Number of Certificate. | | Anchors. | | WEIGHT, BY STOCK. | | WEIGHT OF STOCK. | | TEST, PER CERTIFICATE. | | WEIGHT REQUIRED BY TABLE 31. | | Description of Anchor. | | Makers. | | Where and when tested and Superintendent. | | | | | | | |
| Certs. | lbs. | Certs. | lbs. | Certs. | lbs. | Certs. | lbs. | Certs. | lbs. | Certs. | lbs. | Certs. | lbs. | Certs. | lbs. | Certs. | lbs. | | | | | | |
| 39672 | 1st Bower | 35 | 2 | 21 | do | 32 | 18 | 3 | 14 | 35 | 2 | 0 | Laylors C.S. head | S. Taylor & Son | Tipton | 20/12/12 | C.B. Perkins | | | | | | |
| 39673 | 2nd " | 35 | 2 | 21 | do | 32 | 18 | 3 | 14 | 35 | 2 | 0 | do | do | do | do | do | | | | | | |
| 39674 | 3rd " | 30 | 3 | 7 | do | 29 | 3 | 3 | 0 | 30 | 0 | 0 | do | do | do | do | do | | | | | | |
| | 4th " | | | | | | | | | | | | | | | | | | | | | | |
| | Collective weight | 102 | 1 | 7 | 2m Stock | | | | | 101 | 0 | 0 | | | | | | | | | | | |
| 39881 | Stream | 9 | 1 | 21 | 2 | 1 | 14 | 11 | 9 | 0 | 7 | 9 | 1 | 0 | Trotman's | N. Bloome Dem. | Tipton | 18/10/12 | C.B. Perkins | | | | |
| 39880 | Kedge | 5 | 0 | 7 | 1 | 1 | 7 | 7 | 7 | 3 | 0 | 4 | 3 | 0 | Rodgers | do | do | do | do | | | | |

| CHAIN CABLES. | | | | | | | | | | HAWSEERS 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. | |
| Fathoms. | Inches. | Sta-tory. | Break-ing. | Certs. | lbs. | Certs. | lbs. | Fathoms. | Inches. | | | | | | | Fathoms. | Inches. | Fathoms. | Inches. | Per Tons. | Per Tons. | Per Tons. | Per Tons. |
| 41071 | 240 | 13 | 65 | 77 | 2-0 | 370 | 1-22 | 240 | 13 | 1/4 | Plus 1/2 lb. beam | N. Bloome Dem. | Tipton | 25/10/12 | C.B. Perkins | TOWLINE | 40 | 4 | 33 | 40 | 5 | 2 | 2 |
| | | | | | | | | | | | | | | | | HAWSEERS & WARPS | (1) 40 | 7 | nautilus | (2) 40 | 6 | 2 | 2 |
| | | | | | | | | | | | | | | | | " | (2) 40 | 7 | " | (2) 40 | 5 | 2 | 2 |

Boats: 3 boats & food
Pumps: Number 6 one 5" diameter & one 3" hand pump
Windlass is: Chain Chapin & Sons
Engine Room Skylights: How constructed? Flat plate varnished
Coal Bunker Openings: How constructed? Flat plate varnished
Ceiling in Holds, thickness and material: Over bulkhead 3/4" plating
Cargo Hatchways: How formed? Flat plates and angles
State size No. 1 Hatch (Forward) 21-6 x 26-6 No. 2 Hatch 44-6 x 26-6 No. 3 Hatch 74-3 x 26-6 No. 4 Hatch 74-3 x 26-6
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch: One web & 2 Sh. beams in both hold, 3 webs & 4 Sh. beams in two hatch.
Bulwarks, height above deck and description: 4'-0" to 4'-6" in hull 3'-6" in Rddg - plating Main Rail, material and size: Izyacki London Rail 5" x 2 1/2"
The foregoing is a correct description.
Builder's Signature (here only): WOOD, SKINNER & Co., LIMITED.
Surveyor's Signature: D.C. Laws
Surveyor to Lloyd's Register of British and Foreign Shipping.

Correspondence.—State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case) M 14-3-12, 19-3-12, 2-4-12, 22-5-12, 24-11-12, 6-12-12 E 7-6-12.

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? Joggled shell/plating Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? Yes
Are the rivets break into or through the seams or butts of the plating? Yes
Are the butts of Plating, Stringers, &c., properly shifted and staggered? 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 and the approved amended plans herewith attached, the Secular Lamp letter and generally in conformity with the Society's Rules, and the materials & workmanship throughout are good.

The Surveyor should state the Number of Report and Name of any Sister Vessel.

The amount of Entry Fee £ 75 : 13 : 0 Fees applied for,
Special Survey Fee £ 4 : 0 : 0 DEC 21 1912
Travelling Expenses, if any £ : : Received by me, DEC 24 1912
State whether the Vessel has been built under Special Survey Yes
I am of opinion this Vessel should be Classed +100A1
With, or without Freeboard, as condition of Class without
Committee's Minute TUE DEC 21 1912
Character assigned 100A1
Lloyd's agent Thos Mc 12.12
Engine

NEWCASTLE ON TYNE Date of issue 31.12.12
D.C. Laws
Surveyor to Lloyd's Register of British and Foreign Shipping.

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GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. 156.37 ft., Bridge 11.25 ft., Forecastle 29.12 ft.
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated ☒ Bridge is built on top of Raised quarter
decks.

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) 1 Deck (100)

Official No. 135180; Signal Letters

State if Machinery is fitted aft

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, under Engines & Boilers | 49.5 | 87 | Fore peak tank. | 18.5 | 99 |
| Double bottom, under Engines and Boilers, | | | After peak tank, | 14.5 | 68 |
| Double bottom, if under Engines only, | | | Deep tank, aft, | | |
| Double bottom, if under Boilers only, | | | Deep tank, forward, | | |
| Double bottom, forward, | 174.25 | 549 | Other tanks, if fitted, | | |
| | Total capacity of double bottom | 636 | (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. 4360

Date

8.6.1912

No. 180 in builder's yard.

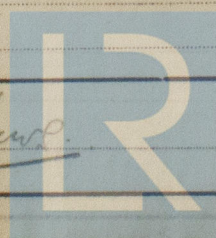
DATES OF SURVEYS
held while building

1912
May 17. 22. Jun. 6. 11. 19. 20. 21. Jul. 13. 14. 15. 17. 19. 22. 24. 26. 31 Aug. 2. 8. 9
14. 16. 19. 21. 23. Sep. 3. 9. 17. 19. 20. 23. 25. 27. Oct. 3. 4. 5. 11. 15. 18. 21. 29. 30. Nov. 1. 2. 4. 5. 6. 8. 11. 14. 18
19. 21. 26. Dec. 2. 4. 5. 9. 10. 11. 12. 13. 18. 19. 20.

Total No. of Visits 68

Surveyor's Signature

B. J. Auld



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