

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. Total No. of W.T. BULKHEADS. In Ship. Per Rule. SCANTLINGS MIDSHIP BHDS. COLLISION. AFT PEAK. PARTITION. LONGITUDINAL. 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 Plates or Single 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.? Are the Sluice Valves and Watertight Doors in efficient working order? Has the Steel been tested as required by the Rules?

PLATING. STRAKES. AS IN SHIP. PER RULE OR AS APPROVED. EDGES. ordinary. BUTTS. RIVETING. Double or Treble and for what Length. RIVETS. Diam. Spacing cr. to cr. STRAPS. Breadth. Thickness. IF LAPPED. Breadth. For what Length. FLAT PLATE KEEL. GARBOARD OR A Strake. State actual thickness in way of Double Bottom. B. C. D. E. F. G. H. J. K. L. M. N. O. P. Q. R. S. T. U. V. W. THICKNESS OF STRAKE. CLEAR OF LONG BRIDGE. DECK OF STRAKE BELOW. DBLG. of Flat Plate Keel. Sheerstrakes. Length and thickness. POOP SIDES. SHORT BRIDGE SIDES. FORECASTLE SIDES. Where a long bridge is fitted the thickness of Upper Deck Sheerstrake and Strake below should also be stated clear of same. Upper Deck Butts. riveted for. length amidship. Stringer Plate. Straps. single, double or overlapped for. length amidship. RR Deck Butts. riveted for. length amidship. Stringer Plate. Straps. single or overlapped for. length amidship. Butts of Side Stringers. riveted. Tie Plates. riveted. Inner Bottom Plating, riveting of Edges. single Butts. 2R & S. Centre Girder Butts. riveted. Keelson Butts. riveted. Frames, riveted through Plates with. in. Rivets, about. apart. Rivets, state whether Iron or Steel. FRAMES extend in one length from. to. State if ordinary or joggled. REVERSED FRAMES on floors and frames extend from. across top of floors only. double in E & B. space. State if ordinary or joggled. MASTS, SPARS, &c. Material. Total Length. DIAMETER AND THICKNESS. At Partners. Heel. Hounds. Head. No. of Plates in round. ANGLES. Number. Size. RIVETING. Seams. Butts. LOWER MASTS. Fore. Main. Mizzen. Bowsprit. Topmasts, and Remainder of Spars. Rigging, Material and Size, Shrouds. Stays. Sails. Suit of. Sails, and the following spare sails.

Form No. 1A.

| EQUIPMENT No. | | LETTER 14972 | | | | | | | | | | 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. | | | | | |
| | | Cwts. | qrs. | lbs. | Cwts. | qrs. | lbs. | Tons. | cwts. | qrs. | lbs. | Cwts. | qrs. | lbs. | | | | | | | | | |
| 39160 | 1st Bower ... | 30 | 2 | 14 | Stockless | | | 29 | 1 | 3 | 14 | 30 | 2 | 0 | Green's Quick Grip | John Green | Bradley Heath | | | | | | |
| 39161 | 2nd „ | 30 | 0 | 0 | " | | | 28 | 12 | 2 | 0 | 30 | 2 | 0 | do | " | 13/12/23 | | | | | | |
| 39162 | 3rd „ | 26 | 0 | 0 | " | | | 25 | 12 | 2 | 0 | 26 | 0 | 0 | do. | " | S.S. Paul | | | | | | |
| | 4th „ | | | | | | | | | | | | | | | | | | | | | | |
| | Collective weight. | 86 | 2 | 14 | | | | | | | | 87 | 0 | 0 | | | | | | | | | |
| 39180 | Stream | 7 | 3 | 0 | 1 | 3 | 22 | 9 | 18 | 0 | 14 | 7 | 3 | 0 | ordinary | do. | do 14/12/23. | | | | | | |
| 39186 | Kedge..... | 4 | 1 | 16 | 1 | 0 | 12 | 6 | 15 | 0 | 0 | | | | | | | | | | | | |

If Patent state Name of Patent

Stockless, state Mechanical Tests.

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

1st Bower 18.152 Cwts. P.L. 4014 13/8/20.
2nd " 16-2-0 D.D.W. 5975 19/6/23.
3rd " 14.831 Cwts. T.P. 4672 9.3.22.
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. | Diam. | | Supplied. | Per Rule. | | | | | | Length. | Cir. | | Length. | Cir. |
| 35293 | 120 | 1 1/8 | 47 1/2 | 161-3-7 | 319-2-0 | 240 | 1 1/8 | John Green | Bradley Heath 14/12/23 S.S. Paul. | TOWLINE | 90 | 3 1/4 | 22 | 90 | 3 1/4 |
| 35308 | " | " | " | 161-1-7 | 319-2-0 | 240 | 1 1/8 | John Green | 14/12/23 S.S. Paul. | HAWSERS & WARPS | 90 | 2 1/4 | 9.5 | 90 | 2 1/4 |
| | | | | 323-0-14 | | | | | | | 90 | 1 3/4 | 5.5 | 90 | 1 3/4 |
| | | | | | | | | | | | 90 | 6 | manilla | 90 | 6 |
| | | | | | | | | | | | 90 | 5 | " | 90 | 5 |

Boats 2 Lifeboats & 1 dinghy
Pumps, Number 1 Hand pump & 1 Hand pump
Windlass is Steam by Smuts Walker & Thompson Ltd
Engine Room Skylights. How constructed? Steel plates & angles. What arrangements for deadlights in bad weather?
Coal Bunker Openings. How constructed? do. How are lids secured? Tarpanlins, battens & clebs. Height above deck? 5' feet.
Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. 11 Scuppers each side. 10 freeing ports each side 2'4"x1'3" as approved.
Ceiling in Holds, thickness and material None. Tank top increased 0.8 in thickness
Cargo Hatchways. How formed? Steel plates and angles. Cargo Battens, thickness and material 2"
State size No. 1 Hatch (Forward) 27'9" x 25'4" 19' No. 2 Hatch 27'9" x 25' No. 3 Hatch 28'3" x 25' No. 4 Hatch 28'3" x 25'
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch five web plates.
No. of Breasthooks one 27 1/2 dk. No. of Crutches deep floors.
Bulwarks, height above deck and description 4'3" above MD. 3'3" above Q.D. Main Rail, material and size Built angle 7' x 3' x 38"
The foregoing is a correct description.
Builder's Signature (here only) John Fullerton & Co. Surveyor's Signature M. Macleod.
Surveyor to Lloyd's Register of Shipping.

Correspondence.—State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case)

See Secretary's letters of various dates

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.

Do the holes for riveting plate to frames, butt straps, or plate

to plate, &c., conform well to each other?

Yes.

Are the rivet holes well and sufficiently countersunk in the plate and punched

from the faying surfaces?

Yes.

Do any 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

Good.

Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)?

Yes

State results of tests

Good.

General Remarks (State quality of workmanship, &c.)

The materials & workmanship are good.

This vessel has been constructed in accordance with the approved plans, the Secretary's letters of various dates and otherwise in general conformity with the Society's Rules for the class contemplated.

Five approved plans & Copy of Midship Section (as built enclosed.)
One Forging Certificate attached.

Please return plans for dealing with Sister Vessel No 245.

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, and list of plans should be embodied in report.

The amount of Entry Fee £ 15.5 : 9.6 : 0.
Special Survey Fee £ 10.0 : 12 : 0.
Travelling Expenses, if any £ 5 : 0 : 0.
Fees applied for, 14/7/1924
Received by me, 15/7/1924
Certificate to be sent to Glasgow
Date of issue 31/7/24
State whether the Vessel has been built under Special Survey Yes.
I am of opinion this Vessel should be Classed +100 A1
With, or without Freeboard, as condition of Class without.

M. Macleod.
Surveyor to Lloyd's Register of Shipping.

Committee's Minute

GLASGOW

15 JUL 1924

Character assigned

- 100 A1

7.24

Lloyd's A+CP

+ LMC 7.24.

GENERAL REMARKS—

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ft., R.Q.D. 155.49 ft., Bridge 12.66 ft., Forecastle 23.29 ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated

No. and Material of Decks and No. of tiers of Beams (this information is to be given as it should appear in the Register Book)
Official No. 147265 ; Signal Letters
State if Machinery is fitted aft (Yes) Machinery aft.
If bottom of Vessel has been coated Inside Yes. Outside Yes. give particulars of paint or other composition Genuine Lead paint.

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system. Yes.

| Where Fitted. | *Length. Feet. | Water Capacity. Tons. | Where Fitted. | *Length. Feet. | Water Capacity. Tons. |
|---|----------------|-----------------------|-------------------------|----------------|-----------------------|
| Double bottom, aft, | | | Fore peak tank, | | |
| Double bottom, under Engines and Boilers, | | | After peak tank, | | |
| Double bottom, if under Engines only, | | | Deep tank, aft, | | |
| Double bottom, if under Boilers only, | 168.5 | 420 | Deep tank, forward, | | |
| Double bottom, forward, | | 420 | Other tanks, if fitted, | | |

* The wells are not to be included in the lengths of the tanks.
Order for Special Survey No. 5552
Date 7.3.1923
No. 274 in builder's yard.
DATES OF SURVEYS held while building
1923 Mar 29 Apr 4.16.19.24.27 May 11.15.28 June 13.28 July 9.20. Aug 20.28 Sep 19
1.5. Nov 28 Dec 3.12.18.28 1924 Jan 28 Feb 5.14.21.28 Mar 3.7.10.13.20.21.25.27 Apr 15.23.30 May 5.8.12.19.23.27 Jun 4.6.19. July 3
Surveyor's Signature M. Macleod.
Total No. of Visits 56