

Form No. 1A

WEB FRAMES.

WEB-FRAMES, In Fore Body, No. and spacing
brdth. & thickness

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

FORGINGS or CASTINGS.

KEEL, ~~how~~ depth and thickness

STEM, moulding and thickness

STERN-POST for Rudder do. do.

for Propeller

RUDDER-A x D Table 22. Speed 22.4 knots

Main-Piece, diameter at head

at heel

RUDDER, how constructed FORGED AND BUILT.

Thickness of Plates or Single Plate 1"

Can the Rudder be unshipped afloat? YES.

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. (SIEMENS' PROCESS.)

STEEL PLATES, ETC.: DORMAN LONG; CARGO FLEET; PALMERS; CONSETT; 45th DURHAM CO.

IRON PLATES: 5th DURHAM CO.

Has the Steel been tested as required by the Rules? YES.

BULKHEADS.

Number, Thickness, STIFFENERS.

W.T. BULKHEADS

COLLISION PARTITION

LONGITUDINAL

Are the outside Plates doubled two spaces of Frames in length? BRACKETS FITTED.

Are the Staircase Valves and Watertight Doors in efficient working order? YES.

PLATING.

AS IN SHIP.

PER RULE OR AS APPROVED.

EDGES.

Single or Double.

Butts.

IF LAPPED.

FLAT PLATE KEEL

GARBOARD OF A STRAKE

B

C

D

E

F

G

H

I

J

K

L

M

N

O

P

Q

R

S

T

U

V

W

LENGTHS OF PLATING = ELEVEN FRAME SPACES.

DO. OF STRAKE BELOW SHEER STRAKE

DO. OF PLATE BELOW SHEER STRAKE

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, 4R, riveted for HALF length amidship.

Stringer Plate Straps, single, double or overlapped for FULL length amidship.

Second Deck Butts, riveted for length amidship.

Stringer Plate Straps, single or overlapped for length amidship.

Inner Bottom Plating, riveting of Edges 2R. + 1R. Butts 2R. 1/2 L.

Centre Girder Butts, 3R. riveted Keelson Butts, riveted

Frames, riveted through Plates with 7/8 in Rivets, about 6 1/4 apart.

Rivets, state whether Iron or Steel IRON.

FRAMES extend in one length from CENTRE LINE TO MARCIN, THENCE TO GUNWALE.

REVERSED FRAMES on floors and frames extend from CENTRE LINE TO TANK SIDE.

B.A. FRAMING.

MASTS, SPARS, &c.

Material, Total Length, DIAMETER AND THICKNESS.

At Partners, Head, No. of Plates in round, ANGLES, Riveting.

LOWER MASTS

Bowsprit

Topmasts, Yards and Remainder of Spars PINE.

Rigging, Material and Size, Shrouds 3/4 G.S.W.

Sails, Suit of Sails, and the following spare sails

* MECHANICAL TESTS BY D. D. WILLIAMSON.

EQUIPMENT No. 19080 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.

49869 1st Bower 39 2 18 STOCKLESS 35 10 1 7 38 3 0 BYERS PAT. TAYLOR & SONS, 25-2-18 C.E. PERRINS.

49870 2nd 39 2 10 D 35 4 0 7 38 3 0 D 1-5-18 D

49974 3rd 32 2 0 D 30 10 0 0 32 2 0 D 1-5-18 D

4th Collect weight 111 1 0 110 0 0

27095 Stream 10 0 18 2 2 6 12 2 0 21 10 0 0 ORDINARY J. GREEN, CRAD. H. 25-11-17 S.C. PAUL.

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, Length and size per Table 31.

24481 210 1 1/2 59 1/2 351 1 1/2 210 1 1/2 STUD LINK. J. GREEN, CRAD. H. 12-2-18 S.C. PAUL.

Iron Stream Chain (Steel Wire) 75 4 1/2 39 75 4 1/2 S.W. HEBBURN R. & S. WKS.

Boats TWO LIFEBOATS + TWO OTHERS. Steering Gear, Steam DONKIN & CO. Steering Gear, HAND TACKLE TO WINCHES.

Pumps, Number Diameter of Barrel State whether they are in efficient working order

Windlass is EMERSON, WALKER. Capstan

Engine Room Skylights—How constructed? OF STEEL What arrangements for deadlights in bad weather? STEEL FLAPS + BULL'S EYES.

Coal Bunker Openings—How constructed? OF STEEL How are lids secured? CLEATS + BATTENS. Height above deck? 7 1/2 ABOVE BOAT DK.

Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. SIX SCUPPERS + NINE WATERPORTS (4 @ 33" x 17" + 5 @ 33" x 15") EACH SIDE.

Ceiling in Holds, thickness and material FITTED ONLY AT BILGES. Cargo Battens, thickness and material NOT FITTED.

Cargo Hatchways—How formed? OF STEEL Hatches, If strong and efficient? YES, SOLID.

State size No. 1 Hatch (Forward) 27-0 x 17-0-6-25-0-6-27-9. No. 2 Hatch 42-0 x 26-6-27-9. No. 3 Hatch 25-0 x 27-6-26-3. No. 4 Hatch 25-0 x 25-0-21-0.

Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch 5 WEBS TO NO. 1, 3 + 4 + 5 WEBS TO NO. 2 HATCH.

No. of Breasthooks FIVE No. of Crutches TWO + DEEP FLOORS.

Bulwarks, height above deck and description PLATE 4 1/2 x 25 FT + 4 1/2 x 25 FT FOR? Main Rail material and size B.A. 7 x 3 x 40.

The foregoing is a correct description. FOR WILLIAM GRAY & CO., LIMITED. Surveyor's Signature David M. Anslan.

Builder's Signature (here only) A. W. Glashan Director 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)

FROM (M) 27 APRIL 1917 TO 20 JULY 1918.

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. 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 VERY 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.) This vessel has been built in accordance with the approved plans + specification (as amended); the Secretary's letters as above stated and in other respects in conformity with the Rules; the materials + workmanship are good. The vessel has been placed in Dry Dock + the bottom + hull + keel examined + treated.

The W.T. bulkheads + shaft tunnel have been tested with satisfactory results.

The vessel is fitted with wireless telegraphy: Marconi system.

No cargo battens are fitted in Holds.

The steam + auxiliary steering gear + steam windlass have been examined under working conditions with satisfactory results.

This is a sister vessel to the S.S. "WAR TORPEDO" Report No. 15521.

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 £ : : Fees applied for, 1917/1918

Special Survey Fee £ 104. 5. 4 Received by me, 1917/1918

Travelling Expenses, if any £ : : Certificate to be sent to WEST H'POOL. Date of issue 2/8/18.

State whether the Vessel has been built under Special Survey YES.

I am of opinion this Vessel should be Classed 100 A.1. "STEEL"

With, or without Freeboard, as condition of Class WITHOUT.

Committee's Minute FRI. 2-AUG. 1918

Character assigned 100 A.1.

Lloyd's A. & B. P. + R. M.C. 7:18

Large Battens not fitted

Mid Ship

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GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 27.5 ft., R.Q.D. 96.66 ft., Bridge 65.5 ft., Forecas
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated: THE POOP IS ON TOP OF R.Q.D.K. THE BRIDGE DK
JOINED TO THE R.Q.D.K.

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
should appear in the Register Book) ONE DECK (STEEL)

Official No. 142,585 ; Signal Letters State if Machinery is fitted aft NO.

How are the surfaces preserved from oxidation? Inside PART CEMENT + PAINT. Outside PAINT.

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.
Double bottom, aft,	74	149	Fore peak tank,	.
Double bottom, under Engines and Boilers,	38	133	After peak tank,	.
Double bottom, if under Engines only,	.	.	Deep tank, aft,	.
Double bottom, if under Boilers only,	.	.	Deep tank, forward,	.
Double bottom, forward,	116	293	Other tanks, if fitted,	.
Total capacity of double bottom	575		(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. 2236.

Date 14th Sep 1917

No. 901. in builder's yard.

DATES OF SURVEYS
held while building

1917. Oct. 30. Nov. 1. 5. 7. 9. 12. 14. 16. 19. 21. 26. 28. 30. Dec. 3. 11. 13. 17. 20. 24. 27. 1918. Jan. 3. 7. 9. 11. 14.
Feb. 1. 4. 8. 11. 20. 27. March 1. 4. 7. 11. 13. 15. 19. 21. 25. Apr. 2. 5. 8. 10. 12. 15. 17. 19. 22. 24. 26. 30. May 6. 7. 9.
12. 14. 17. 19. 20. 25. 27. July 1. 2. 5. 9. 11. 16.

Surveyor's Signature

David M. Anslar

Total No. of Vis