

Form No. 1A.

Write "Bridge Side Strake" and "Upper Deck Sheer Strake" opposite the corresponding letter.

FR-22 DEC 1916

WEB FRAMES.

WEB-FRAMES, In Fore Body, No. and spacing
brdth. & thickness
No. of Side Stringers
WEB-FRAMES, In E. & B. Space, No. and 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.

Number. Thickness. STIFFENERS. Single or Double Frames. Height up, state deck.
Vessel. Per Rule. Inches. Horizontal. Vertical. Size. Spacing. Inches. Inches.

W.T. BULKHEADS

No. 4 31 Brackets 4x3x40x24 High deck
3 31 5x3x40x30 Single
2 31 6x3x40x30
1 31 6x8x40x30

" COLLISION " PARTITION " LONGITUDINAL "

4 Above Cabin flat 3x2 1/2 x 31/2 30

Are the outside Plates doubled two spaces of Frames in length? *Approved lines*
Are the Sluice Valves and Watertight Doors in efficient working order? *Yes.*

FORGINGS or CASTINGS.

Inches in Ship. Inches per Rule, Or as Approved.

KEEL, Bar, depth and thickness *Bull* 1/2 x 1 1/8 1/2 x 1 1/8
STEM, moulding and thickness *Bull* 1/2 x 1 1/8 1/2 x 1 1/8
STERN-POST for Rudder do. do. 1/2 x 2 1/4 1/2 x 2 1/4
for Propeller 1/2 x 2 1/4 1/2 x 2 1/4
RUDDER-Axle Table 22. Speed *Under 10 knots* 47.78
Main-Piece, diameter at head 4 1/2
at heel 3 1/2 x 3 1/4 1/2 x 3 1/4

RUDDER, how constructed *Forged Scrap Iron*
Thickness of Plates *Single Plate* 26.
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 Martin open hearth*
South Durham Steel & Iron Co. Ltd.
Clyde Iron Co. Ltd.
Has the Steel been tested as required by the Rules? *Yes.*

PLATING.

STRAKES. AS IN SHIP. PER RULE OR AS APPROVED. EDGES. Ordinary or Joggled? BUTTS. Double or Treble and for what Length. RIVETS. Riveting or to or. STRAPS. Thickness. IF LAPPED. Breadth. For what Length.

FLAT PLATE KEEL (1 Bar Keel, state Riveting.)
GARBOARD OF A Strake
B
C
D
E
F
G
H
J
K
L
M
N
O
P
Q
R
S
T
U
V
W

30 8/16 6/16 6/16 30 8/16 Double 4 1/2 3/4 3/4 Riveting of bar keel to Garboards Double 3/4 2 1/8 9/4 62 full
+ F strake 5/16 for 30 feet amidships

36 8/16 6/16 6/16 36 8/16 62 53 62 53

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 *full* length amidship.
Stringer Plate *Straps, single 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 Butts
Centre Girder Butts, riveted. Keelson Butts, riveted.
Frames, riveted through Plates with 3/4 in. Rivets, about 5/4 apart.
Rivets, state whether Iron or Steel *Iron*.

FRAMES extend in one length from *Keel* to *Gunwale* State if ordinary or joggled *ordinary*
REVERSED FRAMES on floors and frames extend from *Bilge to Bilge* State if ordinary or joggled *ordinary*

MASTS, SPARS, &c.

Material. Total Length. DIAMETER AND THICKNESS. No. of Plates in round. ANGLES. RIVETING. Butts.

LOWER MASTS. Fore *P.P. pole mast 39'0"*
Main *Steel pole 30'0"*
Mizen
Bowsprit
Topmasts, Yards and Remainder of Spars *P. Rise*
Rigging, Material and Size, Shrouds *Galvanised Steel wire* Stays *Galv. Steel wire*
Sails. *Goos.* Suit of *one* Sails, and the following spare sails

FR-22 DEC 1916

EQUIPMENT No. **LETTER** **ANCHORS.** **TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS** *3942*

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.

22052 1st Bower 5 0 22 1 1 6 7 11 3 14 5 0 0 *Rodgers forges No. 3 B. Hingley & Co. Cradley Heath 19/1/16 J.C. Paul*
22050 2nd " 4 2 2 1 0 14 6 17 2 0 4 2 0 *do. do. " 19/1/16*
22047 3rd " 2 2 14 0 3 0 5 2 2 0 2 2 0 *do. do. " 2/1/16*
4th " *do. do. " 2/1/16*
Collective weight. 12 1 8
Stream
Kedge

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

1st Bower
2nd "
3rd "
4th "

CHAIN CABLES. **HAWSERS AND WARPS.**

Number of Certificate. Length and size supplied. Test per Certificate. Status. Break. ing. Supplied. Per Rule. Length. Diam. Description. Makers of Cables. Where and when tested, and Superintendent. Material. Length and size supplied. Test of Steel Wire. Length. Cir. Breaking Length. Cir.

20492 90 1 18 24 46 10 6 45 3 17 90 1 Studlink B. Hingley & Co. Cradley Heath 2/1/16 J.C. Paul
TOWLINE
HAWSERS & WARPS
60 5 1/2 60 5 1/2
60 4 60 4

Boats *one*
Pumps, Number *3*
Windlass is *Hand, Cochran & Sons Ltd.*
Engine Room Skylights—How constructed? *Deck*
Coal Bunker Openings—How constructed? *Deck*
Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. *6 Scuppers 4 ports 18" x 9" 12" x 24" x 12"*
Ceiling in Holds, thickness and material *3" Redwood*
Cargo Hatchways—How formed? *Steel plates and angles*
State size No. 1 Hatch (Forward) *Scuttles* No. 2 Hatch *No. 3 Hatch* No. 4 Hatch
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch *none*
No. of Breasthooks *3*
No. of Crutches *Deck floors*
Bulwarks, height above deck and description *4' 2" above wood deck*
The foregoing is a correct description of the vessel. *J.M. Cochran & Sons Ltd.* Surveyor's Signature *J.M. Cochran*
Builder's Signature (here only)

Correspondence.—State dates and initials of letters respecting this case. *Reference should be made in any correspondence connected with the case.*
M. 24.9.15, E. 13.10.15

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 facing 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)? *✓* State results of tests *Trawler*
Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? *✓* State results of tests *Trawler*
General Remarks (State quality of workmanship, &c.) *This vessel has been built under special survey in accordance with the approved plans and the Secretary's letters referred to, and in general conformity with the Rules for the class contemplated. The materials and workmanship are sound and good.*

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 £ 2 : 0 : 0 Fees applied for, *24.12.1916*
Special Survey Fee £ 10 : 12 : 0 Received by me, *22.12.1916*
Travelling Expenses, if any £ : 8 : 10

State whether the Vessel has been built under Special Survey *100A.I. STEAM TRAWLER H. Blackwood*
I am of opinion this Vessel should be Classed *Without Freeboard.*
With, or without Freeboard, as condition of Class

Committee's Minute *100A.I.*
Character assigned *Steam Trawler* *+ 2nd. 12.16*

W1170-02522/2

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GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. 69 ft., Bridge ☒ ft., Forecastle ☒ ft.
(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 it should appear in the Register Book) 10X

Official No. 139927; Signal Letters State if Machinery is fitted aft Mach aft.
How are the surfaces preserved from oxidation? Inside Paint & 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.	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,			Deep tank, forward,		
Double bottom, forward,			Other tanks, if fitted,		
			(If necessary, furnish further information by sketch.)		
	Total capacity of double bottom				

* 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.

Order for Special Survey No. 2661

Date

20/9/15

No.

664 in builder's yard.

DATES OF SURVEYS
held while building

1916: Feb. 2, 4, 24, Mar. 3, 10, 16, 20, 24, 31, Apr. 3, 13, 18, May 2,
19 Jun. 14, 23, Oct. 10, Dec. 13

Surveyor's Signature

Matthew Blackwood

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Total No. of Visits 18

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