

WEB FRAMES.				Inches in Ship.	Inches in Ship.	Inches per Rule. Or as Approved.	Inches per Rule.
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.		Number.	Thickness.	STIFFENERS.		Single or Double Frames.	Height up, state deck.
Vessel.	Per Rule.	Inches.	Inches.	Horizontal. Size. Spacing.	Vertical. Size. Spacing.		
W.T.BULKHEADS							
546		5'-26"		32"x30"	30"	Single	U.D.
10411		10'-36"x4"					
35.		11'-26"					
			26"x38"	Floor angle.	5'x3'x34"		
			26"x32"	Floor angle.	4'x3'x32"		
			26"x28"		4'x3'x38"		
			26"		4'x3'x38"		
COLLISION							
PARTITION							
LONGITUDINAL..							

Are the outside Plates doubled two spaces of Frames in length? *frames joggled.*

Are the Sluice Valves and Watertight Doors in efficient working order? *none*

FORGINGS or CASTINGS.				Inches in Ship.	Inches per Rule. Or as Approved.
KEEL, Bar, depth and thickness				<i>Bulk plate 7 1/2" x 1 1/8"</i>	<i>7 1/2" x 1 1/8"</i>
STEM, moulding and thickness				<i>Bulk plate 7 1/2" x 1 1/8"</i>	<i>7 1/2" x 1 1/8"</i>
STERN-POST for Rudder do. do.				<i>5 1/2" x 2 1/2"</i>	<i>5 1/2" x 2 1/2"</i>
" for Propeller				<i>5 1/2" x 2 1/2"</i>	<i>5 1/2" x 2 1/2"</i>
RUDDER-A x D* Table 22. Speed				<i>UNDER 10 KNOTS</i>	<i>43.2</i>
Main-Piece, diameter at head				<i>4"</i>	<i>4"</i>
" at heel				<i>3 1/2"</i>	<i>3 1/2"</i>

RUDDER, how constructed *Stock & Arms = Mild Steel*

Thickness of Plates or Single Plate *.82"*

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

Lanarkshire Steel Co.

Darnley & Co. Ld. Redcar.

Cargo Fleet Iron Co. Ld.

Has the Steel been tested as required by the Rules? *Yes*

PLATING.				RIVETING.																			
AS IN SHIP.				PER RULE OR AS APPROVED.				EDGES, Ordinary or joggled? <i>ordinary</i>				BUTTS.											
STRAKES.				AMIDSHIP.				Single or Double.				RIVETS.				STRAPS.				IF LAPPED.			
Breadth. Thickness. Thickness. Thickness.				Breadth. Thickness.				Single or Double. Breadth of Lap. Rivets. Diam. Spacing or to cr.				Diam. Spacing or to cr.				Breadth. Thickness. Breadth. For what Length.							
Inches. Inches. Inches. Inches.				Inches. Inches.				Inches. Inches. Inches. Inches.				Inches. Inches. Inches. Inches.				Inches. Inches. Inches. Feet.							
FLAT PLATE KEEL.....																							
(1) Bar Keel, state Riveting.																							
GARBOARD OF A Strake				<i>42" 35" 35" 35"</i>				<i>42" 35" Single 2 1/2" 2 1/4"</i>				<i>Double = full 3 1/4" 2 5/8" 9 1/4" 1 1/4"</i>				<i>5" full</i>							
State actual thickness in way of Double Bottom.																							
B				<i>52" 35" 30" 30"</i>				<i>52" 35" Double 1 1/2" 6 pairs</i>				<i>9 1/4" 1 1/4" 5 1/4" 38"</i>											
C				<i>52" 35" 40" 35"</i>				<i>52" 35" Double 1 1/2" 6 pairs</i>				<i>9 1/4" 1 1/4" 5 1/4" 38"</i>											
D				<i>52" 35" 40" 35"</i>				<i>52" 35" Double 1 1/2" 6 pairs</i>				<i>9 1/4" 1 1/4" 5 1/4" 38"</i>											
U.D. SHEER				<i>42" 50" 50" 42"</i>				<i>42" 50" Double 1 1/2" 6 pairs</i>				<i>9 1/4" 1 1/4" 5 1/4" 38"</i>											
E				<i>42" 50" 50" 42"</i>				<i>42" 50" Double 1 1/2" 6 pairs</i>				<i>9 1/4" 1 1/4" 5 1/4" 38"</i>											
F				<i>27" 30" 30" 40"</i>				<i>27" 30" Double 1 1/2" 6 pairs</i>				<i>9 1/4" 1 1/4" 5 1/4" 38"</i>											
BULWARKS.				<i>27" 30" 30" 40"</i>				<i>27" 30" Double 1 1/2" 6 pairs</i>				<i>9 1/4" 1 1/4" 5 1/4" 38"</i>											
G																							
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Write "Bridge Sheer Strake" and "Upper Deck Sheer Strake" opposite the corresponding letter.

THICKNESS OF SHEER STRAKE CLEAR OF LONG BRIDGE DO. OF STRAKE BELOW DECK 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 Stringer Plate				Butts of Side Stringers			
Butts, Double riveted for <i>full</i> length amidship.				Tie Plates <i>riveted.</i>			
Straps, single, double or overlapped for <i>full</i> length amidship.				Inner Bottom Plating, riveting of Edges <i>Butts</i>			
Second Deck Stringer Plate				Centre Girder Butts, <i>riveted. Keelson Butts.</i>			
Butts, riveted for <i>full</i> length amidship.				Frames, riveted through Plates with <i>3/4"</i> in. Rivets, about <i>5 1/4"</i> apart.			
Straps, single or overlapped for <i>full</i> length amidship.				Rivets, state whether Iron or Steel <i>Iron.</i>			

FRAMES extend in one length from *centre line* to *deck*. State if ordinary or joggled *joggled*

REVERSED FRAMES on floors and frames extend from *side to side of vessel*. State if ordinary or joggled *ordinary*

MASTS, SPARS, &c.											
		Material.	Total Length.	DIAMETER AND THICKNESS.			No. of Plates in round.	ANGLES.		RIVETING.	
				At Partners.	Heel.	Hounds.	Head.	Number.	Size.	Seams.	Butts.
LOWER MASTS.....		Fore	<i>Pile of Pine 18'-4"</i>	<i>✓</i>	<i>6"</i>	<i>5"</i>	<i>3"</i>				
		Main									
		Mizen									
Bowsprit											
Topmasts, Yards and Remainder of Spars			<i>none</i>								
Rigging, Material and Size, Shrouds											
Sails											

Sails, and the following spare sails

Stays one at *1 1/4"* B.B. Wire

EQUIPMENT No. 2580.				LETTER				ANCHORS.				TONNAGE U. DK. 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.			
15590	1st Bower ...	4	3	14		✓		7	5	0	0	4	2	0	Stockless. Taylor Do.	Kendrick & Do.	Cardiff. 16-7-24. A Jones do. do.
15591.	2nd „ ...	4	2	14		✓		7	0	0	0	4	2	0			
	3rd „ ...																
	4th „ ...																
	Collective weight.	9	2	0								9	0	0.			
	Stream																
	Kedge																

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Patent State Name of Patent

Stockless, state Mechanism Tests.

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.	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 Tensile of Steel Wire Twisting.	Length and Size per Table 31.	
	Length.	Diam.		Supplied.	Per Rule.						Length.	Cir.		Length.	Cir.
27650	60	1 3/16	11 7/8	17.8.20 2 21		60	1 3/16	Slud Kendrick + Cardiff. 11.7.24. A. Jones		HAWSERS & WARPS	60	5 1/2	manilla	60	5 1/2
								Cardley Heath.			60	3	"	60	3

Boats 10'4" x 6' x 6' 1/2 x 2'6". Wood.

Steering Gear, Steam

and

Steering Gear, Hand Combined = Ronkin

Pumps, Number none.

Diameter of Barrel

State whether they are in efficient working order

5" + 4 1/2"

Windlass is hand by Emerson Walker & Thompson Ltd.

Capstan

Engine Room Skylights.—How constructed? 2 plates + angles. Flaps = same. What arrangements for deadlights in bad weather? Strong Bulls eyes.

Coal Bunker Openings.—How constructed? 2 bulb angles. How are lids secured? Steel plate lids. Height above deck? 3' 6".

Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. 5 Scuppers each side 6" x 1 1/2" thro gunwale bar. no Pats.

Ceiling in Holds, thickness and material none. Cargo Battsens, thickness and material none.

Cargo Hatchways.—How formed? none. Hatches, If strong and efficient? none.

State size No. 1 Hatch (Forward) No. 2 Hatch No. 3 Hatch No. 4 Hatch

Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch

No. of Breasthooks one

No. of Crutches Deep floors

Bulwarks, height above deck and description 2'3". Slaps 6" + 30 R.P. 3" apart. Main Rail, material and size 6 1/2" x 3" + 38 B.A.

The foregoing is a correct description. Channel slaps on Bulwark 6" + 3" + 38 forward of Transoms = 35'0" J. Richardson

Builder's Signature (here only) FOR ALEXANDER HALL & CO., LTD. Surveyor's Signature Surveyor to Lloyd's Register of Shipping

Correspondence.—State dates and initials of letters respecting this case. References should be made in any correspondence connected with the case. A.B.N. 18-4-24, G.L.S. 26-4-24;

A.B.N. 1-5-24; G.L.S. 12-5-24; A.B.N. 15-5-24, A.B.N. 21-6-24, L.O.N. E. 3-7-24.

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? Frames joggled. 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 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 under Special Survey, and in accordance with the Sec.

letters, the Rules and approved plans, for the intended class 100.A.1.

The materials and workmanship are good.

The following approved plans are forwarded herewith, viz:—Midship Section, Profile,

Deck plan, Bulkheads, Stern & Rudder frames, Engine & Boiler Sealings, Keelson plan, and

Pumping Arrangement, together with 2 reports on Forgings.

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,	6-9-1924	Hull	aberddeen	Date of issue	22/9/24
Special Survey Fee	£ 20 : 0 : 0	Received by me,	10/9/24	Chick			
Travelling Expenses, if any	£						
State whether the Vessel has been built under Special Survey	Yes						
I am of opinion this Vessel should be Classed	100.A.1. (For Towing Purposes)						
With, or without Freeboard, as condition of Class	without						

Committee's Minute TUES. 16 SEP 1924

Character assigned

100A1
for towing services

Lloyd's A.S.B.P.

M

+ L.M.B. 9.24
P.S.



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Lloyd's Register Foundation

PARTICULARS FOR RECORD in the REGISTER BOOK. Length of Peep ☒ ft., R.Q.D. ☒ ft., Bridge ☒ ft., Forecastle ☒

(in feet and tenths). When the Peep 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) One deck steel.

Official No. 147721; Signal Letters

State if Machinery is fitted aft Yes.

How are the surfaces preserved from oxidation? Inside Portland cement & Bituminous Solutions 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.)		

* 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. 1902

Date 22-4-24.

No. 592 in builder's yard.

DATES of Surveys held while building

1924, MAY. 23 JUNE 9, 11, 14, 24. JULY 8, 14, 20, AUG 4, 7, 8, 25, 26, SEPT. 1, 2, 3, 4

Total No. of Visits 18

Surveyor's Signature

D. Richardson

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