

Received at London Office FILED 20 MAR 1918

Yes

WEB FRAMES.				Inches in Ship.	Inches in Ship.	Inches per Rule. Or as App.	Inches per Rule. Or as Approved.
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.	Per Rule.	Thickness.	STIFFENERS.				Single or Double Frames.	Height up, state deck.
				Horizontal.		Vertical.			
			Inches.	Inches.	Inches.	Inches.	Inches.		
W.T. BULKHEADS	3	3							
after Peak "			30	Two Line Box Beams	7x3x40	24	Single Q th Stk		
Main B th "			30	✓	7x3x40	30	"		
" COLLISION "			30	Semi Box Beam	7x3x40	24	"		
PARTITION "	✓								
LONGITUDINAL "	✓								

Are the outside Plates doubled two spaces of Frames in length? *No Joggled plating*

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		✓	
STEM, moulding and thickness		✓	16 1/2 x 2
STERN-POST for Rudder do. do.		✓	16 x 4 3/4
" for Propeller		✓	16 1/2 x 4 3/4
RUDDER—A x D* Table 22. Speed		10 knots	A x D* = 192.8
Main-Piece, diameter at head		✓	6 1/4
" " " at heel		✓	4 3/4

RUDDER, how constructed *Forged, single plate*

Thickness of ~~Plates~~ Single Plate *.94*

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.? *Skinner's Iron & Steel Co. Ltd. D. Calville & Son, Glasgow 175*

Open hearth process.

Has the Steel been tested as required by the Rules? *yes.*

PLATING.										RIVETING.									
STRAKES.	AS IN SHIP.				PER RULE OR AS APPROVED.		EDGES Ordinary or joggled?				BUTTS.								
	AMIDSHIP.		FORWARD.		AFT.		AMIDSHIP.		Single or Double.	Breadth of Lap.	Diam.	Spacing cr. to cr.	RIVETS.		STRAPS.		IF LAPPED.		
	Breadth.	Thickness.	Thickness.	Thickness.	Breadth.	Thickness.	Inches.	Inches.					Inches.	Inches.	Breadth.	Thickness.	Breadth.	For what Length.	
FLAT PLATE KEEL	40	.62	.52	.52	40	.62	Double	5 1/4	7/8	3.75	Double FL	7/8	3 1/8	✓					
GARBOARD OR A Strake		.42	.38	.38		.42		4 1/2	3/4	3.21	1/2 L	3/4	2 5/8	✓					
State actual thickness in way of Double Bottom.		.42	.38	.38		.42					1/2 L			✓					
B "		.42	.38	.38		.42					1/2 L			✓					
C "		.44	.38	.38		.42					1/2 L			✓					
D "		.44	.38	.38		.42					1/2 L			✓					
E "		.44	.36	.36		.44					1/2 L			✓					
F "		.48	.36	.36		.48					Double FL			✓					
Main Sheer G "	50	.58	.36	.36	50	.56	Double	5 1/4	7/8	3.75	Double FL	7/8	3 1/8	✓					
H "	48	.58	.28	.38	48	.48					3/4	2 5/8	✓						
J "																			
K "																			
L "																			
M "																			
N "																			
O "																			
P "																			
Q "																			
R "																			
S "																			
T "																			
U "																			
V "																			
W "																			

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 DBLG. of Flat Plate Keel

" Sheerstrakes } 28 ft x .48 Main Sheer

Length and thickness. } 18 ft x .48 Qth Stk Sheer

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.

MAIN AND QUARTER Upper Decks	Butts, riveted for	half length amidship.	Butts of Side Stringers	✓	riveted.
Stringer Plate	Straps, single, double or overlapped for	full length amidship.	Tie Plates	Double	riveted.
Second Deck	Butts, riveted for	length amidship.	Inner Bottom Plating, riveting of Edges	Single	Butts Double
Stringer Plate	Straps, single or overlapped for	length amidship.	Centre Girder Butts,	Double	Keelson Butts, riveted.
			Frames, riveted through Plates with	3/4" in. Rivets, about	5 1/4" apart.
			Rivets, state whether Iron or Steel	Iron	

FRAMES extend in one length from *Keel to margin and margin to deck* State if ordinary or joggled *Ordinary*

REVERSED FRAMES on floors and frames extend from *centre line to deck in fore & after peaks* 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	Steel	54' 9"	18"	14"	14 1/2"	14"	Two	✓	✓	Single	Double
	Main	✓										
	Mizen	✓										
Bowsprit												
Topmasts, Yards and Remainder of Spars	Pine											
Rigging, Material and Size, Shrouds	Wire 3/4"											
Sails.	One Suit of											

EQUIPMENT No. 10240				LETTER L				ANCHORS.				TONNAGE U. D.K. OR PLATING No. FOR TRAWLERS			
Number of Certificate.	Anchor.	WEIGHT, EX. STOCK			WEIGHT OF STOCK			TEST, PER CERTIFICATE				WEIGHT REQUIRED BY TABLE 31.			
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	
49837	1st Bower	21	3	14	Stock	22	5	2	14	21	1	0			Taylor & Sons
49605	2nd "	21	2	7	do	22	0	0	0	21	1	0			do
49836	3rd "	18	2	0	do	19	8	3	0	18	0	0			do
	4th "														
	Collective weight.	61	3	21								60	2	0	
46538	Stream	5	3	7	1	2	0	8	0	2	14	5	3	0	Ordinary
46539	Kedge	2	3	21	3	0	5	7	2	0	2	3	0		do

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 Test of Steel Wire Towline.	Length and Size per Table 31.				
	Length.	Diam.	Statu- tory.	Break- ing.	Supplied.	Per Rule.	Length.	Diam.					Length.	Ins.		Length.	Ins.	Length.	Ins.	
	Fathoms.	Ins.	Tons.	Tons.	Cwts. qrs. lbs.	Cwts. qrs. lbs.	Fathoms.	Ins.												
48658	105 $\frac{2}{3}$	1 $\frac{3}{8}$	34	51	103.3.7	101.2.8	210	1 $\frac{3}{8}$	Steel	S. Taylor & Sons	Lipton 25.5.16	Perrins	TOWLINE	90	3	18	90	3		
51274	105	1 $\frac{3}{8}$	34	51	103.2.25	101.2.8			do	do	do	31.1.18	do	HAWSERS & WARPS	60	3 $\frac{1}{4}$	22	60	3 $\frac{1}{4}$	
Iron Steam Chain or Steel Wire	✓	Cir.						Cir.												
														90	6	11	90	6		

Boats 2 life boats & 1 dinghy
Pumps, Number Three
Windlass is Steam, Clarke Chapmans.
Engine Room Skylights.—How constructed? Peak
Coal Bunker Openings.—How constructed? Hatch & Scuttles
Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. On each side; 5 Scuppers and 4 ports 3'0" x 1'9"
Ceiling in Holds, thickness and material 2 1/2 W. Pine
Cargo Hatchways.—How formed? Plates and angles
State size No. 1 Hatch (Forward) 26'3" x 16'0" No. 2 Hatch 43'1 1/2" x 16'0" No. 3 Hatch ✓ No. 4 Hatch ✓
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch 5 to No. 1 Hatchway & 8 to No. 2 hatchway
Bulwarks, height above deck and description Steel, 4'0"
The foregoing is a correct description.
Builder's Signature (here only) E. Aitken, Lumsden
Steering Gear, Steam Fisher
Diameter of Barrel 4 1/2
Capstan Stearns, McOnies
State whether they are in efficient working order yes.
What arrangements for deadlights in bad weather? Bulls eyes in teak plating
How are lids secured? Rattened & bayonet
Height above deck? 7'0" & 4'0"
Cargo Battens, thickness and material Closed lined 2" W. Pine
Hatches, If strong and efficient? yes 3"
No. of Breasthooks One
No. of Crutches One
Main Rail, material and size B.A. 5 1/2" x 3", stays 7" bulb
Surveyor's Signature Harry E. Farrar
Superior 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) (M) 23-3-15
16-7-15 (E) 2-10-15, (E) 11-10-15

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? Joggled plating

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

from the faying surfaces? yes.

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

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

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)? ✓

State results of tests ✓

General Remarks (State quality of workmanship, &c.) The workmanship throughout is good

This vessel has been built in accordance with the approved plans, the Secretary's letters referred to above and in general accordance with the Rules for the Class contemplated.

Three approved plans and one forging report enclosed.

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 £ 3 : 0 : 0
Special Survey Fee £ 43 : 5 : 0
Travelling Expenses, if any £ 4 : 4 : 0
Fees applied for, 13.3.1918
Received by me, E. Aitken, 4.4.1918

Certificate to be sent to Glasgow Date of issue 5/4/18

State whether the Vessel has been built under Special Survey

I am of opinion this Vessel should be Classed + 100 A.I. 15" (Ste) well deck

With, or without Freeboard, as condition of Class without

Harry E. Farrar
Surveyor to Lloyd's Register of Shipping.

Committee's Minute GLASGOW, 19 MAR. 1918

Character assigned + 100 A.I.

3.18.

Lloyd's A.C.P.

+ L.M.C. 3.18.



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Foundation

000514-002535-0222

GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. 139.0 ft., Bridge ☒ ft., Forecastle 22.5 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 should appear in the Register Book) 1 Deck (Stl) well deck
Official No. 142318; Signal Letters
How are the surfaces preserved from oxidation? Inside Bitumastic, cement & paint Outside Paint
State if Machinery is fitted aft Yes.

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

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	125.7	185 1/2	Fore peak tank,		
Double bottom, under Engines and Boilers, <input checked="" type="checkbox"/>			After peak tank,		
Double bottom, if under Engines only, <input checked="" type="checkbox"/>			Deep tank, aft, <input checked="" type="checkbox"/>		
Double bottom, if under Boilers only, <input checked="" type="checkbox"/>			Deep tank, forward, <input checked="" type="checkbox"/>		
Double bottom, forward,			Other tanks, if fitted, <input checked="" type="checkbox"/>		
		Total capacity of double bottom 185 1/2	(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. 4908

Date 20. 3. 15

No. 270 in builder's yard.

DATE of Surveys held while building

1916 May 3, 4, 8, June 7, 13, 20, 23, 28, 29, July 6, 20, Aug 1, 4, 7, 9, Sep 13, 15, Nov 13, 24, 29, Dec 12, 14, 23, 27, 28, 1917 Jan 9, 11, 12, 16, 18, 23, 25, Feb 1, 2, 5, 7, 13, 19, Mar 5, 6, 8, 12, 14, 16, 22, 26, 27, 29, Apr 2, 5, 10, 11, 13, 17, 18, 20, 24, 25, 26, May 3, 4, 7, 8, 10, 12, 16, 18, 20, 21, June 15, 20, 26, 28, July 2, 3, 4, 9, 11, 13, 25, 31, Aug 2, 6, 9, 14, 16, 20, 22, 24, 28, 30, Sep 2, 11, 14, 17, Oct 5, 11, 19, 31, Nov 7, 13, 16, 19, 23, 29, 30, Dec 3, 10, 12, 14, 18, 19, 25, 26, 1918 Jan 14, 17, 21, 24, 28, 30, Feb 5, 7, 12, 13, 15, 19, 21, 22, 25, 27, Mar 6.

Total No. of Visits 135

Surveyor's Signature

Harry C. Farrar

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