

WEB FRAMES.						FORGINGS or CASTINGS.			
		Inches in Ship.	Inches in Ship.	Inches per Rule. Or as Approved.	Inches per Rule. Or as Approved.	Inches in Ship.		Inches per Rule. Or as Approved.	
WEB-FRAMES, In Fore Body, No. and spacing		2 in way of Rounding up				KEEL, Bar, depth and thickness		Flat plate keel	
" " " brdth. & thickness		32	.52	32	.52	STEM, moulding and thickness		11 1/2 x 3 1/4 / 11 1/2 x 3 1/4	
" " " No. of Side Stringers		(2)	32	.52	32	.52	STERN-POST for Rudder do. do.		
WEB-FRAMES, In Aft Body, No. and spacing		(2) 12 1/2				" " " for Propeller		Cast steel as per appd. plan	
" " " brdth. & thickness		36	.50	36	.50	RUDDER-A x D		Table 22. Speed 20 K. Balanced type	
" " " No. of Side Stringers		(4)				" " " Main-Piece, diameter at head		18" and as per appd. plan	
" " " brdth. & thickness		30	.48	30	.48	" " " at heel		as per appd. plan	
" " " Size of Face Angles to Web-Frames		4 x 4 = 60	4 x 4 = 60						
BRACKET PLATES to Stringers between Web Frames, depth and thickness		30	.50	30	.50				

BULKHEADS.		STIFFENERS.				Single or Double Frames.	Height up, state deck.
Number.	Thickness.	Horizontal.		Vertical.			
Vessel.	Per Rule.	Inches.	Size.	Spacing.	Size.	Spacing.	
W.T. BULKHEADS	9	9					
8 B 1/2 to Shell etc	10	15	.52	.36	BA 9 1/2 x 46	30	Sole Shell
Coll. B 1/2 to Bridge or Deck							Other Bulkhead as per appd. plan
" COLLISION "	10	22	.52	.42	BA 12 1/2 x 64	24	Single Check
PARTITION	11	23	.52	.42	BA 10 1/2 x 52	24	Double Shell
LONGITUDINAL							

Are the outside Plates doubled two spaces of Frames in length? *no. brackets fitted*

Are the Sluice Valves and Watertight Doors in efficient working order? *yes*

PLATING.						RIVETING.									
STRAKES.	AS IN SHIP.			PER RULE OR AS APPROVED.			EDGES.			BUTTS.					
	AMIDSHIP.		FORWARD.	AMIDSHIP.		Single or Double.	Ordinary or Joggled?		Double or Treble and for what Length.	RIVETS.		IF LAPPED.			
	Breadth.	Thickness.	Thickness.	Thickness.	Breadth.		Thickness.	Breadth.		Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	
FLAT PLATE KEEL	52	1.22	.92	.92	52	1.22	Double	7 1/2	18	3 1/4	5 R	18	3 1/4	22 1/2	full
GARBOARD or A Strake		.80	.52	.52		.80		6	1	3 1/4	4 R	1	4	14	
B " State actual thickness in way of Double Bottom.		.80	.52	.52		.80									
C "		.80	.52	.52		.80									
D "		.80	.52	.52		.80									
E "		.80	.52	.52		.80									
F "		.80	.52	.52		.80									
G "		.76	.50	.50		.76									
H "		.76	.50	.50		.76									
J "		.76	.50	.50		.76									
K "		.76	.50	.50		.76									
L "		.76	.50	.50		.76									
M "		.76	.50	.50		.76									
N "		.76	.50	.50		.76									
O " Cor Strake		.76	.50	.50		.76									
P "		.78	.50	.50		.78		6 3/4	18	4 1/2	25 Strake	3 1/2	19	.62	
Q " B. Strake	61	.86	.50	.50	61	.86									
R "															
S "															
T "															
U "															
V "															
W "															

Write "Aining or Shelter Deck" "Shore Strake" opposite its corresponding letter.

THICKNESS OF SHEERSTRAKE CLEAR OF LONG BRIDGE DO. OF STRAKE BELOW DBLG. of Flat Plate Keel

" Sheerstrakes Length and thickness.

POOP SIDES

SHORT BRIDGE SIDES

FORECASTLE SIDES

Awning or Shelter Deck		Butts of Side Stringers	
Stringer Plate	Butts, 3 R riveted for full length amidship.	Stringer Plate	Butts, 3 R riveted for full length amidship.
Upper Deck	Butts, 2 R riveted for full length amidship.	Stringer Plate	Butts, 2 R riveted for full length amidship.
Stringer Plate	Butts, 2 R riveted for full length amidship.	Stringer Plate	Butts, 2 R riveted for full length amidship.
Deck Plate	2 R for full length	Stringer Plate	Butts, 2 R riveted for full length amidship.
	overlapped full length	Stringer Plate	Butts, 2 R riveted for full length amidship.

FRAMES extend in one length from Centre line to margin + from margin to C. beam State if ordinary or joggled *Joggled*

REVERSED FRAMES on floors and frames extend from Centre line to margin double in Engine spaces & under boiler beams State if ordinary or joggled *Joggled*

MASTS, SPARS, &c.											
	Material.	Total Length.	DIAMETER AND THICKNESS.				No. of Plates in round.	ANGLES.		RIVETING.	
			At Partners.	Heel.	Hounds.	Heard.		Number.	Size.	Seams.	Butts.
LOWER MASTS	Fore	142' 6"	30 x .48	27 x .44	25 x .40	8 x .22	2	2	4 x 3 1/2 x 1/2	Single	Double
	Main	138' 6"	30 x .48	27 x .44	25 x .40	8 x .22	2	2	4 x 3 1/2 x 1/2	Single	Double
	Mizen										
Bowsprit											
Topmasts, Yards and Remainder of Spars											
Rigging, Material and Size, Shrouds	S.W.	6 C 4" main	3 1/2 Foremast								
Sails.	Suit of										

Sails, and the following spare sails

EQUIPMENT No. 73378 LETTER Lt ANCHORS.

Number of Certificate.	Anchors.	WEIGHT, EX. STOCK			WEIGHT OF STOCK			TEST, PER CERTIFICATE				WEIGHT REQ. 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.			
85972	1st Bower	140	3	0	Stockless			81	6	1	0	118	0	0	✓	S. Taylor & Son Ltd	Retherton 28.9.22 Green
85973	2nd "	140	0	17	"			81	6	0	8	118	0	0	✓	"	" " " "
85974	3rd "	119	1	10	"			74	15	0	0	100	0	0	✓	"	" " " "
	Collective weight	400	0	27								336	0	0	✓		" " " "
84874	Stream	46	1	24	Stockless			40	3	3	0	44	1	14	✓	S. Taylor & Son Ltd	Retherton 19.4.21 Green
85915	Kedge	24	0	4	"			23	19	2	21	23	3	0	✓	"	" 6.9.22 "

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

1st Bower Forged Open Mouth Ingot Steel Head
2nd " " " " " " " "
3rd " " " " " " " "
Stream Kedge " " " " " " " "

CHAIN CABLES.

HAWSERS AND WARPS.

Number of Certificate.	Length and Size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.		Fathoms 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.	Fathoms and size per Table 31.	
	Length.	Diam.	Statury.	Break- ing.	Supplied.	Per Rule.	Length.	Diam.					Length.	Cir.		Length.	Cir.
76110	Fathoms.	Ins.	Tons.	Tons.	Cwts. qrs. lbs.	Cwts. qrs. lbs.	Fathoms.	Ins.					Fathoms.	Ins.	Tons.	Fathoms.	Ins.
76105	165	3	145 3/4	264 1/2	755.2.27	1503.0.0	300	3	Steel Strand	R. Hingray & Son	Retherton 29.9.22 Green	TOWLINE	140	7 1/2	128	140	7 1/2
	165	3	145 3/4	264 1/2	754.1.25				do	do	do	HAWSERS & WARPS	(3) 120	5	59		
72744													(2) 120	4	33		
Iron Steam Chain or Steel Wire...	150	1 3/4	55 1/2	77 1/2	233.6.0	231.2.0	150	1 3/4	Steel Strand	R. Hingray & Son	Retherton 11.9.22 Green	" "	(5) 120	12			
												" do "	(3) 120	8		(3) 120	8
												" do "	(3) 120	8		(3) 120	8

Boats 40 Lifeboat & 1 Motor Boat.

Pumps, Number (5) 2 Downton & 3 hand pumps

Windlass is Steam by Clark Chapman

Engine Room Skylights.—How constructed? Steel

Coal Bunker Openings.—How constructed? Coaling thro. side ports How are lids secured? H.T. doors

Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. 4 Scuppers each side in wells 4 freeing ports 27 1/2 x 12 ea side B. Rules

Ceiling in Holds, thickness and material 2 1/2 W.P. over bilges only

Cargo Hatchways.—How formed? Steel plate & angle

State size No. 1 Hatch (Forward) 18' 2 x 12' 0 No. 2 Hatch 17' 6 x 14' 0 No. 3 Hatch 12' 6 x 14' 0 No. 4 Hatch 15' 0 x 16' 0

Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch 185 1.2 x 4. 3 webs 185 3 x 5. 2 webs

No. of Breasthooks Eight

No. of Crutches deep floor

Bulwarks, height above deck and description 48" steel plate

Main Rail and Stays, material and size 8 x 3-42 B.A. Rail 6 x 3 1/2 x 40 Stay

The foregoing is a correct description. FOR WILLIAM BEARDMORE & CO., LIMITED

Builder's Signature (here only)

A. J. Campbell

Surveyor's Signature

J. M. Iloenna

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

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

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.) workmanship Good

This Twin Sc. Geared Turbine Steamer has been built in accordance with the approved plans & the Secretary's letters, and in conformity with the Rules for the class contemplated. All the double bottom tanks, Peak tanks, deep tanks & fuel oil tanks have been tested as required by the Rules with the varying heads of water as laid down therein, and found satisfactory. The Requirements of Section 49 of the Rules have been complied with.

Before leaving the vessel was placed in dry dock and the bottom and readies cleaned, examined and recoated, and found in good condition.

Whilst entering the dry dock the vessel struck the quay wall and indented a shell plate and 2 frames in way of same. The shell plate K 11 on port side removed, fitted and refitted 2 port frames cut adrift & fayed. Some rivets removed in standing flange of oil fuel bunker bulkhead in way of damage and the oil fuel tank retested.

S. S. Conti Rosso Jls. Rpt No 41720

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 £ 12 : 0 : 0

Special Survey Fee ... £ 554 : 15 : 9

Travelling Expenses, if any £ 15 : 0 : 0

State whether the Vessel has been built under Special Survey Yes

I am of opinion this Vessel should be Classed 100 A.I. with 7H

With, or without Freeboard, as condition of Class with

Fees applied for,

10.4.1923

Received by me,

10.4.1923 J.M.I.

H & A. Certificate sent to

Glasgow

Date of issue 11/4/23

J. M. Iloenna

Surveyor to Lloyd's Register of Shipping.

Committee's Minute

GLASGOW

10 APR 1923

Character assigned :- 100 A.I. with freeboards.

4.23.

Lloyd's A.I.C.P.

+ L.M.C. 4.23 J.D.

Fitted for oil fuel 4.23 F.P. above 150' F.

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Lloyd's Register Foundation

GENERAL REMARKS—(continued).

pt. 4a.

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PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 29 ft., R.Q.D. ☒ ft., Bridge 300 ft., Forecastle 105.5 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) 2nd (Sec) + Shellin on (Sec) + Shell on (Sec) 3rd deck Steel in hold
 Official No. ✓; Signal Letters _____ State if Machinery is fitted aft no
 How are the surfaces preserved from oxidation? Inside Cement & Paint & Stacked in Tanks Outside Paint

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,	<u>97.5</u>	<u>242</u>	Fore peak tank,		<u>85</u>
Double bottom, under Engines and Boilers,			After peak tank,		<u>96</u>
Double bottom, if under Engines only,	<u>52.5</u>	<u>218</u>	Deep tank, <u>aft</u> , } <u>No 1 678</u> <u>No 2 1003</u>		
Double bottom, if under Boilers only,	<u>70.0</u>	<u>468</u>	Deep tank, <u>forward</u> , } <u>No 3 874</u> <u>No 4 865</u>		<u>4111</u>
Double bottom, forward,	<u>171.0</u>	<u>543</u>	Other tanks, if fitted,		
	Total capacity of double bottom	<u>1468</u>	(If necessary, furnish further information by sketch.)		

* The wells are not to be included in the lengths of the tanks. 291.0 State whether the above have been tested as required by the Rules yes
Double bottom not used for water ballast except between fore and aft peak tanks and the deep tank No 1 between 144.5-155 Can be used for oil fuel or water ballast

Order for Special Survey No. 5408
 Date 6-7-20
 No. 612 in builder's yard.
 DATES of Surveys held while building
1920 Feb 2.5.10.13.17.19.24 Mar 2.9.16.18.22.30 Apr 6.8.15.22.27 May 4.6.20 Jun 1.10.16.29 Jul 8.12 Aug 10.19 Sep 4.9.17.21.30 Oct 4.19.20.28 Nov 10.11.24 Dec 2.8.15.19.21 Jan 12.22.24.29 Mar 17.24.27.28.29 May 11.16.19.22.24.26.30 Jun 7.9.14.16.20.26.30 Jul 5.7.11.13.24.26.28.31 Aug 2.4.9.10.14.15.18.22.26.30.31 Sep 1.4.5.7.8.11.19.21.26.29 Oct 2.4.7.9.11.12.16.18.21.23.25.30 Nov 1.6.7.13.20.22.27 Dec 5.8.14.27 1923 Jan 10.12.15.17.22.24.25.31 Feb 5.8.12.27 Mar 2.5.6.12.13.14.18.21.23.27.28 Apr 4.
 Total No. of Visits 145

Surveyor's Signature

[Handwritten signature]

Lloyd's Register Foundation