

PLATING.										RIVETING.									
STRAKES.	AS IN SHIP.						PER RULE OR AS APPROVED.		EDGES.				BUTTS.						
	AMIDSHIP.		FORWARD.		AFT.		Single or Double.	Breadth of Lap.	Diam.	Spacing or to cr.	RIVETS.		STRAPS.		IF LAPPED.				
	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.					Diam.	Spacing or to cr.	Breadth.	Thickness.	Breadth.	Thickness.			
FLAT PLATE KEEL.....	40	18	14	14	14	18	Double	6	1	4 1/2	TREB. W	1	3 1/2	19	14	12	✓		
GARBOARD OR A Strake	52 1/2	14	13	13	52 1/2	14	"	6	1	4 1/2	"	1	3 1/2	-	-	10 1/2	3/4 L		
B "	57	12	10	10	57	12	"	6 1/2	1 1/8	4 1/2	QUAD. 3/4	3	3 1/2	-	-	14	"		
C "	62 1/2	11	10	9	62 1/2	11	"	5 1/2	3/8	3 1/2	"	3	3 1/2	-	-	12	"		
D "	53	12	10	10	53	12	"	5 1/2	3/8	3 1/2	"	3	3 1/2	-	-	12	"		
E "	62 1/2	13	10	10	62 1/2	13	"	5 1/2	3/8	3 1/2	"	3	3 1/2	-	-	12	"		
F "	53 1/2	14	11	11	53 1/2	14	"	6	1	4 1/2	"	1	3 1/2	-	-	14	"		
G "	63	13	10	10	63	13	"	6 1/2	1 1/8	4 1/2	"	3	3 1/2	-	-	12	"		
H "	56 1/2	13	10	10	56 1/2	13	"	5 1/2	3/8	3 1/2	"	3	3 1/2	-	-	12	"		
J "	59 1/2	12	9	9	59 1/2	12	"	5 1/2	3/8	3 1/2	"	3	3 1/2	-	-	12	"		
K "	55	13	10	10	55	13	"	5 1/2	3/8	3 1/2	"	3	3 1/2	-	-	12	"		
L "	52 1/2	14	9	9	52 1/2	14	"	6	1	4 1/2	"	1	3 1/2	-	-	14	"		
SHEER M "	45	20	11	11	45	20	"	6	1	4 1/2	"	1	3 1/2	26	15-13	✓	Whole.		
N "	The boss plates and plates above and below same.																		
O "	are 20 thicker than plating amidships.																		
P "																			
Q "																			
R "																			
DOUBLING OF Flat Plate Keel	For 1/2 Length D 14																		
Length of Bilges	at ends of bridge, for 22 1/4																		
Thickness of Sheerstrakes																			
Thickness of Strake below																			
POOP SIDES						7	Single	2 1/2	3/4	3 1/2	Double	3/4	2 3/4			5	Whole		
BRIDGE SIDES		11-9				11-9	Double	5 1/4	1 1/8	3 1/2	Treble	1/8	3 1/2			9 1/2	"		
FORECASTLE SIDES			7			7	Single	2 1/2	3/4	3 1/2	Double	3/4	2 3/4			5	"		

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.: *The Lanarkshire, Colvilles, Glasgow Iron & Steel Co.; J. Spencer; Wylie & Co.; L. Fry & Co.; South Durham; W. Beardmore; J. Hill; Hingley & Sons. The Shelton.*

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

FRAMES extend in one length from *Centre line to tank side, tank side to gunwale.*

REVERSED FRAMES on floors and frames extend from *Tank side to tank side, thence to upper and main alternately; all to Forecastle and Main, Dks.*

MASTS, SPARS, &c.														
LOWER MASTS.	Fore	Main	Mizen	Material.	Total Length.	DIAMETER AND THICKNESS.				No. of Plates in Round.	ANGLES.		RIVETING.	
						At Partners.	Heel.	Hounds.	Head.		Number.	Size.	Seams.	Butts.
				Steel	79' 11"	21 1/4	16 3/4	14 1/4	7	Two	✓	✓	Single	3R + 2R.
				Steel	78-6	21 1/4	16 3/4	14 1/4	7	Two	✓	✓	"	"

Boomsprit

Topmasts, Yards and Remainder of Spars *Booms Oregon Pine.*

Rigging, Material and Size, Shrouds *4" Bullivant's steel wire tested. Stays 4" + 3 1/2" Bull's steel wire tested.*

Sails, *One* Suit of Fore and aft. Sails, and the following spare sails.

EQUIPMENT No. 44679 LETTER Y.															
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.	WEIGHT REQUIRED BY TABLE 22.			Description of Anchor.	Makers.	Where and when tested and Superintendent.	
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.		Tons.	cwts.	qrs.				lbs.
49312	1st Bower	47	3	22	12	1	15	41	2	2	47	0	0	Rodgers	Carlthorne & Co. 26.5.03
49332	2nd "	46	0	1	12	2	12	39	19	7	47	0	0	"	" 30.5.03
49313	3rd "	40	1	23	10	-	27	36	2	2	40	0	0	Trotmans	" 28.5.03
	4th "													"	"
	Collective weight	134	1	18				134	-	-				Netherlon.	16 Green.
49325	Stream	14	-	-	3	2	22	15	12	2	14	-	-	Trotmans	" 28.5.03
49339	Kedge	7	-	-	1	3	10	9	5	-	7	-	-	Trotmans	" 30.5.03

CHAIN CABLES.										HAWSERS AND WARPS.									
Number of Certificate.	Fathoms.	Size.	Test per Certificate, Tons.	WEIGHT OF CHAIN CABLE.		Fathoms and Size per Table 22.	Description.	Makers of Cables.	When and where tested, and Superintendent.	Material	Fathoms.	Size.	Breaking Test of Steel Wire Towline.	Fathoms and Size per Table 22.					
				Supplied.	Per Table 22.														
35522	270	2 1/2	86.2	656 1/4	645 1/4	270	2 1/2 link.	Carlthorne & Co.	30.5.03.	TOWLINE	120	4 1/4	53 1/2	120	4 1/4				
								Netherlon		HAWSER	Two	90	8"	Two	90-8"				
								H. Green.		WARP	Two	90	7"	Two	90-7"				
										2 Wires	90	4"							
										1 "	90	3 1/2"							

Boats *Four lifeboats, one jolly boat, one dingy.*

Pumps, Number *Eight, with 2 1/2" tail pipes* Diameter of Barrel *5 1/2"* Hand pump to lip of F.P. *5" x 2 3/4"*

Windlass is *Clarke Chapman, type, steam* Capstan *Winches.*

Engine Room Skylights.—How constructed? *of black with peak shutters.*

What arrangements for deadlights in bad weather? *Iron shutters.*

Coal Bunker Openings.—How constructed? *Plates & angles* How are lids secured? *3" hatches* Height above deck? *14"; bridge*

Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. *Six scuppers each side. 3 Freeing Ports 4' 0" x 1' 5 1/2" x 1' 5 1/2"*

Ceiling in Holds, thickness and material *2 1/2" White pine.* Ceiling 'tween Decks, thickness and material *2 1/2" pine at sides.*

Cargo Hatchways.—How formed? *Steel plates and angles.* Hatches, If strong and efficient? *Yes 3" Thick*

State size No. 1 Hatch (Forward) *20' 10" x 16' 0" x 36"* No. 2 Hatch *25' 0" x 16' 0" x 36"* No. 3 Hatch *25' 0" x 16' 0" x 36"* No. 4 Hatch *20' 10" x 16' 0" x 36"*

Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch *Two and three webs, three fore and afters in each hatch.*

No. of Breasthooks *Five* No. of Crutches *2 + deep floors.*

Bulwarks, height above deck and description *4' 2" x 20" 1/2" stays 6' 0" apart* Main Rail, material and size *6 x 3" Bull angle.*

The above is a correct description.

Builder's Signature (here only) *A. Midrupani* Surveyor's Signature *A. C. Heron.*

Surveyor to Lloyd's Register of British and Foreign Shipping.

Correspondence.—State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with this case)

18.3.03. Brown, M. Farlane & Co. to Secretary; 20.3.03. Sec. to B. M. F. & Co.; 26.2.03;

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 faying surfaces? *Yes.* Do any rivets break into or through the seams or butts of 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. 23, par. 24)? *Yes* State results of tests *satisfactory.*

Have all the gutterways been tested as required by the Rules (Sec. 23, par. 25)? *Yes* State results of tests *satisfactory.*

General Remarks (State quality of workmanship, &c.) *This vessel has been built in accordance with the Rules, and the approved tracings of the Longitudinal and Midship sections. The workmanship is of good quality. Iron plates are embedded in the cement under each sounding pipe. Longitudinal and midship section, now forwarded under separate cover. This vessel now being used as a Transport by Japanese Government. A temporary lower deck of wood has now been fitted, in this vessel. The official N. will be forwarded as soon as received.*

The Surveyor should state the Number of Report and Name of any Sister Vessel.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop *43' 7 1/2"*, R.Q.D. or Break *-* ft., Bridge Dk. *12' 5"*, F' castle *47' 7"* 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) *2 Dks (Stil- Upt ws) + deep framing.*

Official No. *H.A.N.D.*; Signal Letters *J.N.F.Q.*

How are the surfaces preserved from oxidation? Inside *Portland Cement + paint* 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,	116.8	279.5	Fore peak tank,	20.0	53.5
Double bottom, under Engines and Boilers,	47.11	160.5	After peak tank,	10.6	31.5
Double bottom, if under Engines only,	-	-	Midship deep tank,	-	-
Double bottom, if under Boilers only,	-	-	Other tanks, if fitted,	-	-
Double bottom, forward,	168.9	479.5	(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. *April 1903; 16.5. Continuous till Oct; Oct 21, 22, 26, 27. Nov. 2, 6, 11, 14, 18, 19, 24, 29.*

Date *20 June 1903.*

No. *152* in builder's yard.

DATES OF SURVEYS held while building *Dec. 1, 5, 8, 11, 17, 18, 19, 21, 23, 24, 25, 28, 29. Jan. 1904, 4, 5, 7, 8, 9, 11, 12, 13, 14, 15, 16, 19, 20, 21, 22, 23, 25, 26, 27, 28, 30, Feb. 1, 2, 3, 4, 5, 8, 9, 10, 11, 12, 13, 15, 16, 17, 18, 19, 20, 22, 23, 24.*

Total No. of Visits *75.*

The amount of Entry Fee *£ 5 - - -* 29.2 1904

Special Survey Fee *£ 216.8 - -* Received by me, *1.3 1904*

Travelling Expenses, if any *£ - - -* *1.3 1904*

State whether the Vessel has been built under Special Survey *Yes.*

I am of opinion this Vessel should be Classed *100 A.I.*

With, or without Freeboard, as condition of Class *Without*

Committee's Minute *WED. 6 APR 1904*

Character assigned *100 A.I. Steel*

Lloyd's Register

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