

PLATING.

STRAKES	AS IN SHIP.				PER RULE OR AS APPROVED.		RIVETING.		BUTTS.		
	Breadth.	Thickness.	Forward.	Aft.	Breadth.	Thickness.	Single or Double.	Breadth of Lap.	Double or Triple and for what Length.	Straps.	IF LAPPED.
FLAT PLATE KEEL.....	48	20	13	13	48	20-13	DOUBLE	2 1/4	1 1/8	TREBLE	1 1/8
GARBOARD OR A STRAKE...	50	13	12	12	36	13-12	"	5 1/4	7/8	TREBLE	3/8
B "	"	11	9	14-9	11-9	"	"	"	"	QUAD	3/2
C "	"	11	9	14-9	11-9	"	"	"	"	"	"
D "	"	11	9	14-9	11-9	"	"	"	"	"	"
E "	"	13	10	15-10	13-10	"	"	"	"	TREBLE	3/8
F "	"	13	10	15-10	13-10	"	"	"	"	"	"
G "	"	13	10	15-10	13-10	"	"	"	"	QUAD	3/2
H "	"	12	9	12-9	12-9	"	"	"	"	"	"
J "	"	12	9	12-9	12-9	"	"	"	"	"	"
K "	"	12	9	12-9	12-9	"	"	"	"	TREBLE	3/8
L "	"	12	9	12-9	12-9	"	"	"	"	QUAD	3/2
SHEER M "	52	13	9	9	44	13-9	"	"	"	QUAD	3/2
N "	"	11	8	8	11-8	"	"	"	"	TREBLE	3/8
O "	50	13	8	8	48	13-8	"	"	"	QUAD	3/2
P "	"	"	"	"	"	"	"	"	"	"	"
Q "	"	"	"	"	"	"	"	"	"	"	"
R "	"	"	"	"	"	"	"	"	"	"	"

DOUBLING OF PLATE KEEL: FORGED BAR FITTED AND KEEL PLATE INCREASED 3/4" FOR 1/5" LENGTH. THREE STRAKES INCREASED 1/2" FORE AND AFT. TOPSIDE PLATING INCREASED IN THICKNESS IN VIEW OF DOUBLING.

POOP SIDES: SHELTER DECK SEE LETTERS N & O.

BRIDGE SIDES: SHELTER DECK SEE LETTERS N & O.

FORECASTLE SIDES: SHELTER DECK SEE LETTERS N & O.

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*

Upper Deck (Butts, treble riveted for FULL length amidship. Stringer Plate (Straps, single, double or overlapped for FULL length amidship. Middle Deck (Butts, treble riveted for FULL length amidship. Stringer Plate (Straps, single, double or overlapped for FULL length amidship. Butts of Bilge & Side Stringers and Tie Plates, double riveted. Inner Bottom Plating, riveting of Edges 2 SINGLE BUTTS DOUBLE. Centre Girder Butts, TREBLE riveted. Keelson Butts, riveted. Frames, riveted through Plates with 7/8 in. Rivets, about 6 apart. Rivets, state whether Iron or Steel. IRON.

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

FRAMES extend in one length from TANK MARGIN to SHELTER DECK. REVERSED FRAMES on floors and frames extend from TANK MARGIN TO MAIN AND UPPER DECKS ALTERNATELY AND TO MAIN AND FORECASTLE DECKS ALTERNATELY.

MASTS, SPARS, &c.

LOWER MASTS.....	Material.	Total Length.	DIAMETER AND THICKNESS.			No. of Plates in round.	RIVETING.	
			At Partners.	Heel.	Head.		Number.	Size.
Fore	STEEL	77-0	27-8/16	26-8/16	20-7/16	18-7/16	TWO	SINGLE TREBLE
Main	"	82-0	26-8/16	24-8/16	20-7/16	18-7/16	"	"
Mizen	"	"	"	"	"	"	"	"

Bowsprit: PITCH PINE. Rigging, Material and Size, Shrouds: GALVA STEEL WIRE 4 1/4. Stays: G.S.W. 4 3/4. Sails: ONE. Suit of: FORE & AFT. Sails, and the following spare sails.

EQUIPMENT No. 42244 LETTER X.

Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.		TEST, PER CERTIFICATE.		WEIGHT REQUIRED BY TABLE 22.		Description of Anchor.	Makers.	Where and when tested and Superintendent.						
		Cwts.	qrs.	Cwts.	qrs.	Cwts.	qrs.									
1808	1st Bower	48	0	7	10	3	14	39	6	2	7	43	2	0	TROTMAN'S PAT.	STAYLOR & SONS SLD. 11/6/02
1809	2nd "	44	2	7	10	3	14	37	0	1	7	43	2	0	"	"
1802	3rd "	37	3	7	9	2	0	34	8	0	4	37	0	0	"	"
	4th "	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
	Collective weight	177	1	21	"	"	"	124	0	0	"	"	"	"	"	"
1747	Stream	12	3	0	3	0	2	14	10	2	14	12	3	0	COMMON	STAYLOR & SONS SLD. 3/6/02
1746	Kedge	6	2	0	1	2	2	8	15	0	0	6	2	0	"	"

CHAIN CABLES.

Number of Certificate.	Fathoms.	Size.	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.									
651	135	2 1/8	304	114	"	STUD	STAYLOR & SONS SLD. 15/5/02	"	"	"	"	"	"
668	135	2 1/8	304	114	"	"	"	"	"	"	"	"	"
	270	"	608	228	"	"	"	"	"	"	"	"	"
	90	4 1/2	39	"	"	"	"	"	"	"	"	"	"

HAWSERS AND WARPS.

Number of Certificate.	Fathoms.	Size.	Test per Certificate.	Supplied.	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.
668	135	2 1/8	304	114	"	"	"	"	"	"	"	"	
	270	"	608	228	"	"	"	"	"	"	"	"	
	90	4 1/2	39	"	"	"	"	"	"	"	"	"	

Boats. 6 BOATS. Pumps, Number 9 HAND PUMPS. Diameter of Barrel 6" State whether they are in efficient working order. YES. Windlass is CLARKE, CHAPMAN & CO'S PATENT STEAM CAPSTAN DIRECT ACTING. Engine Room Skylights—How constructed? COAMING PLATES AND ANGLES. What arrangements for deadlights in bad weather? BULL'S EYES. Coal Bunker Openings—How constructed? BULL'S EYES. How are lids secured? TAPAWILINS & BATTENS. Height above deck? 9". Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. OPEN RAILS. Ceiling in Holds, thickness and material 2 1/2" W.P. Ceiling 'tween Decks, thickness and material 6 1/2" W.P. Cargo Hatchways—How formed? COAMING PLATES & ANGLES. Hatches, If strong and efficient? YES. State size No. 1 Hatch (Forward) 20'0" x 16'0" No. 2 Hatch 24'0" x 13'0" No. 3 Hatch 6'0" x 13'0" No. 4 Hatch 24'0" x 13'0" Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch. N°1 2 1/4" - 2 WEBS & 3 EA - N°2 3 1/4" - 3 EA - N°3 1 1/2". No. of Breasthooks SIX. No. of Crutches DEEP FLOURE. Bulwarks, height above deck and description OPEN RAILS. Main Rail, material and size. The above is a correct description. Surveyor's Signature. Builder's Signature (here only). SHIPYARD MANAGER.

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

9/11/01 - 6/12/01 - 4/1/02 - 12/1/01 - 10/2/02 - 8/2/02

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? *NO*

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 under the 3rd Rule with complete plate deck in accordance with the approved plans provided herewith. The scantling letters & in general conformity with the Rules. The keelsons assigned by the Committee have been marked & the vessel's sides verified. The decks & tunnel have been tested by hose & found satisfactory. The material & workmanship are of good quality.*

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

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop. ☒ ft., R.Q.D. or Break ☒ ft., Bridge Dk. ☒ ft., F'castle ☒ ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated. *COMPLETE SHELTER DECK.*

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 (STL) AND DEEP FRAMING AND SHELTER DK (1 STL - TEAK SHEATHING).*

Official No. ☒; Signal Letters ☒

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.	Water Capacity.	Where fitted.	Length.	Water Capacity.
Double bottom, aft.	116	288	Fore-peak tank.		
Double bottom, under Engines and Boilers.	48	160	After peak tank.		21
Double bottom, if under Engines only.			Midship deep tank.		
Double bottom, if under Boilers only.			Other tanks, if fitted.		
Double bottom, forward.	144	401			

* 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 - SATISFACTORY.*

Order for Special Survey No. *2852*

Date *21-11-01*

No. *756* in builder's yard.

DATES of Surveys held while building: *1901 Dec. 11/01, 1902 Jan. 10/02, Feb. 6/02, Mar. 26/02, Apr. 25/02, May 2/02, 26/02, June 5/02, July 2/02, Aug. 12/02, 26/02, Sept. 13/02*

Total No. of Visits *114*

Fees applied for, *28 SEP 1902*

The amount of Entry Fee... £ *5*...

Special Survey Fee... £ *114*...

Travelling Expenses, if any £...

Received by me, *18/10/02*

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

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

With or without Freeboard, as condition of Class. *YES*

Committee's Minute

Character assigned *100 A.I. (steel) shelter deck*

Lloyds ass. & P. + Lmb. 9. 02

28. black light

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

Builder's Signature (here only) *MR. S. S. S. S. S.*

SHIPYARD MANAGER.