





PLATING.							RIVETING.												
STRAKES.	AS IN SHIP.				PER RULE OR AS APPROVED.		EDGES.				BUTTS.								
	AMIDSHIP.		FORWARD.	AFT.	AMIDSHIP.		Single or Double.	Breadth of Lap.	RIVETS.		Double or Treble and for what Length.	RIVETS.		STRAPS.		IF LAPPED.			
	Breadth.	Thickness.	Thickness.	Thickness.	Breadth.	Thickness.			Diam.	Spacing cr. to cr.		Diam.	Spacing cr. to cr.	Breadth.	Thick-ness.	Breadth.	For what Length.		
	Inches.	$\frac{1}{16}$ th or 20ths	$\frac{1}{16}$ th or 20ths	$\frac{1}{16}$ th or 20ths	Inches.	$\frac{1}{16}$ th or 20ths			Inches.	Inches.		Inches.	Inches.	Inches.	$\frac{1}{16}$ th or 20ths	Inches.	Feet.		
FLAT PLATE KEEL..... (If Bar Keel, state Riveting))	48	21	14	14	48	21	double	6 $\frac{3}{4}$	1 $\frac{1}{2}$	4 $\frac{3}{8}$	Quad $\frac{1}{2}$ "	1 $\frac{1}{2}$	4 $\frac{1}{2}$			16	full		
GARBOARD or A Strake ...	60	14	13	13	60	14	" "	5 $\frac{1}{4}$	$\frac{7}{8}$	3 $\frac{3}{8}$	" $\frac{1}{2}$ "	$\frac{7}{8}$	3 $\frac{1}{2}$			12	"		
State actual thickness in way of Double Bottom.	B	75	13	13	11	75	13	" "	"	"	"	"	"			"	"		
C	75	13	13	11	75	13	" "	"	"	"	"	"	"			"	"		
D	75	13	11	11	75	13	" "	"	"	"	"	"	"			"	"		
E	62	13	10	10	62	13	" "	"	"	"	"	"	"			"	"		
F	74	13	10	10	74	13	" "	"	"	"	"	"	"			"	"		
G	75	13	10	10	75	13	" "	"	"	"	"	"	"			"	"		
H	75	13	10	10	75	13	" "	"	"	"	"	"	"			"	"		
J	63	14	11	11	63	14	" "	"	"	"	"	1"	4"			14	"		
K SHEER...	64	14	11	11	64	14	" "	6	1	3 $\frac{3}{4}$	" "	1"	4"			14	"		
LONG L POOP ...	75	14	"	10	75	14	" "	"	"	"	" "	1"	4"			14	"		
M																			
N																			
O																			
P																			
Q																			
R																			
DOUBLING of Flat Plate Keel																			
Length and thickness	{ of Bilges ..... of Sheerstrakes. double at Break of Bridge of Strake below																		
POOP SIDES .....																			
BRIDGE SIDES .....																			
FORECASTLE SIDES ..... 8 ✓ Single 2 $\frac{1}{2}$ $\frac{3}{4}$ 3 $\frac{1}{4}$ double $\frac{3}{4}$ . 2 $\frac{3}{4}$ 5																			

Write "Sheer Strake" opposite its corresponding letter.

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. *Open Hearth Process. Siemens Process*  
*Plates: Rendsburg, Dusseldorfer Roehnwerte, Phoenix*  
*Chas. L. Smith, C. L. Smith, C. L. Smith, C. L. Smith*  
*Angles: Bullangle, & Co. Bullangle, & Co. Bullangle, & Co.*  
*Phoenix, C. L. Smith, C. L. Smith, C. L. Smith, C. L. Smith*  
*Keelsons: Rendsburg, Dusseldorfer Roehnwerte, Phoenix*  
*Frames: Rendsburg, Dusseldorfer Roehnwerte, Phoenix*  
 Has the Steel been tested as required by the Rules? *yes*

Upper Deck (Butts, treble riveted for *Quad for 3/4* length amidship.  
 Stringer Plate (Straps, single, double or overlapped for *overlapped* length amidship.  
 Middle Deck (Butts, treble riveted for *treble full* length amidship.  
 Stringer Plate (Straps, single, double or overlapped for *whole* length amidship.  
 Butts of Bilge & Side Stringers and Tie Plates, treble or double riveted? *treble*  
 Inner Bottom Plating, riveting of Edges *double* *single* Butts *double*  
 Centre Girder Butts, *treble lapped* riveted Keelson Butts, *treble* riveted.  
 Frames, riveted through Plates with *7/8* in. Rivets, about *5 1/4* apart.  
 Rivets, state whether *Iron or Steel* of *best* *medium* *quality*

FRAMES extend in one length from *Tank side middle* to *Upper Poop, Bridge & Forecastle decks*.  
 REVERSED FRAMES on floors and frames extend from *Bullangle Framing, double angles on Floors in Machinery Space and under Main Beams and Reverse angles on Bullangle Framing Fore and Aft with the exception of the Peaks*

MASTS, SPARS, &c.										RIVETING.			
	Material.	Total Length.	DIAMETER AND THICKNESS.				No. of Plates in round.	ANGLES.		Seams.	Butts.		
			At Partners.	Heel.	Hounds.	Head.		Number.	Size.				
LOWER MASTS.....	Fore	<i>Steel</i>	<i>84 (108)</i>	<i>25 x 5/20</i>	<i>20 x 7/20</i>	<i>21 x 7/20</i>	<i>12 x 7/20</i>	<i>Two</i>		<i>double</i>	<i>treble</i>	<i>Capstan</i>	
	Main	<i>"</i>	<i>79 (104)</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>			<i>"</i>	<i>"</i>	<i>"</i>	
	Mizen												
Bowsprit													
Topmast, Yards and Remainder of Spars	<i>Lower Mast and continuous.</i>												
Rigging, Material and Size, Shrouds	<i>Iron wire, Fore shrouds 4" Main shrouds 3 3/4"</i>												
Sails.	<i>Best Canvas</i>	Suit of	<i>Stay &amp; Tye</i>	Sails, and the following spare sails									

EQUIPMENT No. 47810 LETTER Z										ANCHORS.								
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.	Cwts.	qrs.	lbs.				
36142	1st Bower	64	0	21	Stockless			50	12	2	0	63	3	0	Greene Quick Grip.	John. Greene	Lipton 19 April 1910	
36144	2nd "	60	0	10	"	"	"	48	7	2	0	63	3	0		"	"	"
36142	3rd "	58	0	0	"	"	"	44	5	0	0	54	2	0		"	"	"
	4th "																	C. E. Perrins Superintendent
	Collective weight	182	1	3								182	0	0				
35945	Stream	19	3	7	4	2	14	18	16	1	0	19	2	0	Ordinary	John. Greene	Lipton 28 Feb. 1910	
35943	Kedge	7	2	0	2	0	7	9	13	3	0	7	2	0		"	"	"
																	C. E. Perrins Super	

CHAIN CABLES.										HAWSERS AND WARPS.				
Number of Certificate.	Fathoms.	Size.	Test per Certificate.	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.									
37106	150	2 1/4	91 1/2	382.0.17	382.0.17	270.2.2	Steel	Sykes & Sons	Tipton 23 Feb 1910	TOWLINE	120	2 1/2	59 tons	120 full 1/2
37124	120	"	"	304.0.20	682.1.11		Steel	"	" 28 " "	HAWSER	180	2 1/2	18.2	180 " 2 1/2
				686.1.9					C. E. Perrins Suppl.	WARP	180	2 1/4	15.0	180 " 2 1/4

Boats *4 Regatta each 23.0 x 7.0 x 2.9 and one Cig 19.0 x 6.0 x 2.4*  
 Pumps, Number *1* *Downer, connected to Bridge Suction & Peak pump* Diameter of Barrel *5"* State whether they are in efficient working order *yes*  
 Windlass is a *Steam* Windlass of *Clarke & Chapman* System Capstan *none*  
 Engine Room Skylights.—How constructed? *of Steel on top casing 8 ft. above Bridge Deck*  
 What arrangements for deadlights in bad weather? *covers*  
 Coal Bunker Openings.—How constructed? *Steel coamings* How are lids secured? *Solid 2 1/2" flattened* Height above deck? *30" above Bridge Deck*  
 Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. *2 Scuppers and 2 Freeing ports on each side in Well of 40 x 20"*  
 Ceiling in Holds, thickness and material *2 1/2" Pine* Ceiling 'tween Decks, thickness and material *6 x 2" Earth & space Pine*  
 Cargo Hatchways.—How formed? *Steel round corners 30" above Bridge & 48" above Main Deck* Hatches, If strong and efficient? *yes*  
 State size No. 1 Hatch (Forward) *20.0 x 14.11"* No. 2 Hatch *24.0 x 14.11"* No. 3 Hatch *18.0 x 14.11"* No. 4 Hatch *18.0 x 14.11"* No. 5 Hatch *24.9 x 14.11"*  
 Number of Web Plates, Shifting Beams and Fore and Aft to each Hatch *No. 1-4 Webs. No. 2-5 Webs. No. 3-3 Webs. No. 4-5 each 5 Webs*  
*without Fore and Afters. Hatches 3" thickness* No. of Breasthooks, *6* No. of Crutches, *steel decks*  
 Bulwarks, height above deck and description *4" 6" Steel 20" with Bullangle Straps* Main Rail, material and size *6 x 3 x 10/20*  
 The above is a correct description.  
 Builder's Signature (here only) *M. J. M. M.* Surveyor's Signature *Geo. Sykes* Lloyd's Register  
 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)

M. 28 Nov. 12 & 22 Dec 1908. 4. Jan. 19. July. 20 & 30 Nov. 1909

**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? *plate edges jagged*

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

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. butts overlapped.*

Have all the upper and weather decks been tested as required by the Rules (Sec. 23, par. 24)? *yes*

State results of tests. *found tight.*

Have all the gutterways been tested as required by the Rules (Sec. 23, par. 25)? *yes*

State results of tests *found tight*

**General Remarks** (State quality of workmanship, &c.)

*This steel screw steamer, has been built in accordance with the approved amended plans and the requirements embodied in the Secretary's letters dealing with this case. The workmanship throughout is in all respects sound and efficient, all parts conforming well with each other in conformity with the Society's intentions and Rule requirements.*

*The steel used in construction, has been manufactured at works approved by the Society and tested by the Society's Surveyors as required by the Rules.*

*The peaks and cellular double bottom, have been fitted and tested with a head of water to height upper deck and found tight.*

*Box girders as approved have been fitted under middle deck in way of No 2 hold dispensing with pillars in this hold.*

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. B. & D. or Break* ft., Bridge Dk. *319.5 ft.*, F' castle *46.6 ft.*  
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated *Poop and Bridge are joined together*

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) *Two decks steel. Two tiers of Beams & Lower St. Beams No hold wood sheer*

Official No. ; Signal Letters

How are the surfaces preserved from oxidation? Inside *Bottom. Asphalt remainder Paint* Outside *Paint and oil paint*

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

Where fitted.	Length.	Water Capacity.	Where fitted.	Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,	126.0	38.7	Fore peak tank,		
Double bottom, under Engines and Boilers,	57.9	21.5	After peak tank,		
Double bottom, if under Engines only,			Midship deep tank,		
Double bottom, if under Boilers only,			Other tanks, if fitted,		
Double bottom, forward,	199.9	609	(If necessary, furnish further information by sketch.)		
		1211			

\* 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. *2*

Date *6 March 1909*

No. *288* in builder's yard.

Dates of Surveys held while building

*28 Jan. 10 & 14 Feb. 26 March, 30 April 6 May 10 & 18 June 6. 21 & 30 July 1908, 16 Nov. 6 & 7 Dec 1909. 7 Jan. 1 & 28 Feb. 30 March, 21 & 26 April 20 & 24 May, 3 & 10 June 1910*

Total No. of Visits *25*

The amount of Entry Fee *Mks 1:05:0*  
Special Survey Fee *Mks 2891:0*  
Travelling Expenses, if any *Mks 350:0*

Fees applied for,  
*10 June 1910*  
Received by me,  
*15 June 1910*  
*Geo. Dyke*

Certificate to be sent to *Hamburg Office*

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

I am of opinion this Vessel should be Classed *100A1*

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

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

Committee's Minute

*TUES. 21 JUN 1910*

Character assigned

*100A1*

*Lloyd 196.P*

*+ L.M. 6.6.10*  
*J.D.*



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Lloyd's Register  
Foundation

*Cert's issued 24/6/10*

*W1641-0017 (212)*