

PLATING.							RIVETING.										
STRAKES.	AS IN SHIP.				PER RULE OR AS APPROVED.		EDGES. Ordinary or joggled? ordinary										
	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 or to cr.		Diam.	Spacing or to cr.	Breadth.	Thickness.	Breadth.	For what Length.
FLAT PLATE KEEL	47	1	70	1	47	1	D.	6 3/4	1 1/2	5	2nd	1 1/2	4	28 1/4	12 1/4		
GARBOARD OR A Strake	60	64	48	64	60	60	"	5 1/4	7/8	3 1/2	"	1/2	7/8	3 1/2		12	14
State actual thickness in way of Double Bottom.	B	60	62	48	64	60	"	"	"	"	"	"	"	"	"	"	"
	C	57	62	48	74	57	"	"	"	"	"	"	"	"	"	"	"
	D	57	60	60	74	57	"	"	"	"	"	"	"	"	"	"	"
	E	51	64	48	58	51	"	"	"	"	"	"	"	"	"	"	"
	F	48	64	54	74	48	"	"	"	"	"	"	"	"	"	"	"
	G	54	62	44	62	64	"	"	"	"	2nd	"	3 1/2		9	"	"
	H	54	62	44	62	54	"	"	"	"	"	"	"	"	"	"	"
	J	54	62	44	62	54	"	"	"	"	"	"	"	"	"	"	"
	K	54	62	44	62	54	"	"	"	"	"	"	"	"	"	"	"
	L	47	62	44	44	47	"	"	"	"	"	"	"	"	"	"	"
	M	54	62	44	44	54	"	"	"	"	"	"	"	"	"	"	"
upr strake	N	48	62	44	44	48	"	"	"	"	"	"	"	"	"	"	"
Shelter strake	O	56	62	44	44	56	"	6	1	3 1/2	2nd	1/2	3 1/2		12	"	"
	P	47	68	44	44	47	"	"	"	"	2nd	1/2	1	4	14	"	"
	Q																
	R																
	S																
DOUBLING of Flat Plate Keel																	
" of Sheerstrakes																	
(Length and Thickness)																	
POOP SIDES																	
SHORT BRIDGE SIDES																	
FORECASTLE SIDES																	

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.*

Newport. Cargo Fleet. Cousett. Palmers.

South Durham. Colville. Beardmore.

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

Awning or Shelter Deck Butts, *Double* riveted for *whole* length amidship.

Stringer Plate Straps, *single, double or overlapped* for *whole* length amidship.

Second Deck Butts, *Double* riveted for *whole* length amidship.

Stringer Plate Straps, *single, double or overlapped* for *whole* length amidship.

Butts of Side Stringers *Double* riveted.

" Tie Plates *Double* riveted.

Inner Bottom Plating, riveting of Edges *D & S*. Butts *S. D. S.*

Centre Girder Butts, *Double* riveted **Keelson Butts**, *Double* riveted.

Frames, riveted through Plates with *7/8* in. Rivets, about *6* apart.

Rivets, state whether Iron or Steel *Steel*.

FRAMES extend in one length from *Centre to Margine & Margine to Gunwale*. state if ordinary or joggled? *ordinary*

REVERSED FRAMES on floors and frames extend from *centre to Upper & 2nd Stringer & alternately* 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	<i>Steel</i>	<i>104</i>	<i>27 x 1/4</i>	<i>21 x 1/4</i>	<i>21 1/2 x 3/4</i>	<i>19 1/2 x 3</i>	<i>2</i>	<i>4</i>	<i>3 1/2 x 3 1/2 x 1/2</i>	<i>Single</i>	<i>8 x D.</i>
	Main	<i>"</i>	<i>103</i>	<i>26 x 1/4</i>	<i>21 x 1/4</i>	<i>21 x 3/4</i>	<i>19 x 3</i>	<i>2</i>	<i>3</i>	<i>3 x 3 x 1/4</i>	<i>"</i>	<i>8 x D.</i>
	Mizen											
Bowsprit												
Topmasts, Yards and Remainder of Spars <i>Steel & wood.</i>												
Rigging, Material and Size, Shrouds <i>Steel wire 1/4"</i> Stays <i>Steel wire 1/4"</i>												
Sails. <i>One</i> Suit of Sails, and the following spare sails												

EQUIPMENT No. 35102 LETTER Z												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.
66041	1st Bower	63	3	12	Stockless	50	10	0	0	63	3	0	Halls C.S. Lead	Hingley	Rutherford 7/8/11 Green		
66037	2nd "	63	3	3	"	50	10	0	0	63	3	0	"	"	"		
66039	3rd "	54	3	19	"	45	7	2	0	64	2	0	"	"	"		
	Collective weight	182	2	6		182	0	0		182	0	0					
66047	Stream	18	0	11	4	2	9	19	2	0	21	17	2	0	Iron stock	"	"
66038	Kedge	7	2	19	2	0	10	9	18	0	14	7	2	0	"	"	10/8/11 "

CHAIN CABLES.												HAWSERS AND WARPS.							
Number of Certificate.	Length and Size supplied.		Test per Certificate. Statutory. Break-ing.	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.		Supplied.	Per Rule.						Length.	Diam.		Length.	Cir.	Length.	Cir.		
46505	135	2 1/4	92220/27.5	341.3.20	682.1.11	270	2 1/4	Steel	Hingley	Rutherford 7/8/11 Green	TOWLINE 8.11.11	120	5	59	120	5			
46506	135	2 1/4	"	341.3.27	683.3.19					"	HAWSERS & WARPS	2-90	8		2-90	8			
	2-70									"		2-90	7		2-90	7			
Iron Stream Cable or Steel Wire...	90	4 3/4	47			90	4 3/4												

Boats *11* **Steam Steering Gear** *Muir & Caldwell* **Hand Steering Gear** *Scams gear*

Pumps, Number *one* *each peak and 1 Downton* Diameter of Barrel *5 1/2"* State whether they are in efficient working order *yes.*

Windlass is *Steam*, *Mitsui Bishi* make. **Capstan** *Steam Mitsui Bishi* make.

Engine Room Skylights.—How constructed? *Steel coamings wood & glass on top.*

What arrangements for deadlights in bad weather? *Canvas cover*

Coal Bunker Openings.—How constructed? *Steel coamings* How are lids secured? *Iron bands.* Height above deck? *24"*

Number of **Scuppers**, and number and dimensions of **Freeing Ports**, &c. *9 Scuppers each side.*

Ceiling in Holds, thickness and material *2 1/2 Pine* **Cargo Battens**, thickness and material *2 Pine*

Cargo Hatchways.—How formed? *Steel coamings & solid covers.* **Hatches**, If strong and efficient? *yes.*

State size **No. 1 Hatch** (Forward) *19 x 16* **No. 2 Hatch** *25.6 x 16* **No. 3 Hatch** *14-10 x 16* **No. 4 Hatch** *23.4 x 16*

Number of **Web Plates**, **Shifting Beams** and **Fore and Afters** to each Hatch *Nº 1 and 3 = 1 web 3 F & A. Nº 2 & 4 = 2 webs 3 F & A.*

No. of Breasthooks *10* **No. of Crutches** *4*

Bulwarks, height above deck and description *open rails* **Main Rail and Stays**, material and size *"*

The above is a correct description. **Builder's Signature** *(here only.)* **Surveyor's Signature** *G. D. Ciskin*

General Manager. **Surveyor to Lloyd's Register of British & Foreign Shipping.**

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

M 22/10/11 M 8/12/10. M 4/4/11. M 11/4/11 M 16/5/11 M 20/12/11. M 4/3/12.

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*

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? *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.)

The workmanship and materials are good.

*This vessel has been built in accordance with the approved plans
and in conformity with the Rules for the class contemplated.*

*Plans of Profile, Section, Fittings, (Erections, and alterations to erections) are sent
under separate cover.*

Not a sister vessel.

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

ARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop *—* ft., R.Q.D. *—* ft., Bridge *—* 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.*

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. S.H. (4 ft. W.S.) and dup. plating and Shelter dk. (S.H. W.S.)*

Official No. *later*; Signal Letters *later*

State if Machinery is fitted aft *no*

How are the surfaces preserved from oxidation? Inside *Cement & Paint. Bitumastic in* Outside *Paint*
hulkers, boiler tank top & floors in boiler tank.

ARTICULARS 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,	108	279	Fore peak tank,	23	99
Double bottom, under Engines and Boilers,	61	249	After peak tank,	11	26
Double bottom, if under Engines only,			Deep tank aft,	23	353
Double bottom, if under Boilers only,			Deep tank forward,		
Double bottom, forward,	175	507	Other tanks, if fitted,		
Total capacity of double bottom	1035		(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*

Number for Special Survey No.	1911.
Date <i>22 Nov. 1910</i>	March 28-29. Apr. 7-11-13-17-19-20-21-24-25-27-29. May 1-2-3-10-11-13-15-17-18-20-23-25-31. June 5-6-7-8-12-14-28-29.
<i>216</i> in builder's yard.	July 1-3-5-19-20-21. Aug. 1-2-3-4-5-7-8-9-10-11-14-16-17-23-24-25-30-31. Sept. 1-4-6-7-5-11-12-14-16-21-22-23-25-26-28-29-30.
	Oct. 2-4-5-6-12-13-16-17-18-19-20-21-23-24-25-26-27-28-31. Nov. 1-2-4-6-7-9-14-15-16-17-18-20-21-23-24-25-27-28-29-30. Dec. 1-2-4-5-6.
	1912
	Jan. 4-8-9-10-11-12-16-24-27-29-30-31. Feb. 5-7-9-10-12-14-17-19-21-24-26-27-29.
	Mar. 1-2-6-7-12-14-15-18-19-26-27-29. Apr. 1-3-5-8-11-12-15-17-18-22-24-25-27-30. May 2-4-6-9-10-13-14-17-18-19. Total No. of Visits <i>198</i>

Amount of Entry Fee.....£ 5 : 0 : 0	Fees applied for,
Special£267 : 10 : 0	<i>21/5</i> 1912
Travelling Expenses, if any £- : :	Received by me,
	<i>21.5</i> 1912

Certificate to be sent to *Nagasaki* *Cert. issued 11/12*

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

I am of opinion this Vessel should be Classed *+100A1. Shelter Deck*

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

F. D. Cuthbert

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

Committee's Minute

TUE. JUN. 11. 1912

Character assigned

100A1
Shelter dk with fbd 11' 0"

Lloyd's & F.O.P.

+ L.M.B. H. 12.

Wm. Kay.



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Foundation