

PLATING.								RIVETING.											
STRAKES.	AS IN SHIP.				PER RULE OR AS APPROVED.		UPPER 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.	Inches.	Thickness.			Diam.	Spacing or to cr.		Diam.	Spacing or to cr.	Breadth.	Thickness.	Breadth.	For what Length.
FLAT PLATE KEEL.....	48	21	16	17-21	48	21	6	6 3/4	1 1/2	4 1/2	3. 11.	1 1/2	4	2 1/2	13-15 double	-	-		
(If Bar Keel, state Riveting)	69	16	15	16-16	69	16	"	6	1	3 3/4	2nd 3/4	1	3 1/2	-	-	14	W.		
GARBOARD OR A Strake ...	55	15	12	12-17	55	15	"	6	1	"	"	1	"	-	-	14	"		
State actual thickness in way of Double Bottom.	64	15	12	12-17	64	15	"	6	1	"	"	1	"	-	-	14	"		
B "	55	15	12	14	55	15	"	6	1	"	"	1	"	-	-	14	"		
C "	58	15	12	14	58	15	"	6	1	"	"	1	"	-	-	14	"		
D "	68	16	12	14-17	68	16	"	6	1	"	"	1	"	-	-	14	"		
E "	57	16	12	14-17	57	16	9 x 3.	6-8 1/2	1	"	"	1	"	-	-	14	"		
F "	63	16	12	14-17	63	16	"	"	1	"	"	1	"	-	-	14	"		
G "	51	16	12	13-18	51	16	"	"	1	"	"	1	"	-	-	14	"		
H "	62	16	12	13-17	62	16	"	"	1	"	"	1	"	-	-	14	"		
J "	51	16	12	12-16	51	16	9	6	1	"	"	1	"	-	-	14	"		
K "	64	16	12	12-16	64	16	"	6 3/4	1 1/2	4 1/2	"	1	"	-	-	14	"		
L "	54	18	12	12	54	18	"	"	1 1/2	4 1/2	"	1 1/2	4	-	-	16	"		
M "	55	18	12	12	55	18	"	"	1 1/2	4 1/2	"	1 1/2	4	-	-	16	"		
N "	51	20	12	12	51	20	"	"	1 1/2	4 1/2	"	1 1/2	4	28 1/2	15-14 double	-	-		
O "	55	20	12	12	55	20	"	"	1 1/2	4 1/2	3. 11.	1 1/2	4	21 1/2	14-13 double	-	-		
P "	53	22	12	12	53	22	S	3	1	4	2nd 3/4	1 1/2	4	28 1/2	16-15 double	-	-		
Q "																			
R "																			
DOUBLING of Flat Plate Keel																			
Length and thickness of Bilges																			
Length and thickness of Sheerstrakes																			
Length and thickness of Strake below																			
POOP SIDES																			
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. <i>Siemens Martin</i>	Upper Deck (Butts, treble riveted for <i>2nd</i> length amidship.
<i>South Durham & Co. Gradingham Ltd. Co.</i>	Stringer Plate (Straps, single, double or overlapped for <i>whole</i> length amidship.
<i>Dorman Long & Co. John Hill & Co. Consett Iron Co.</i>	Middle Deck (Butts, treble riveted for <i>whole</i> length amidship.
<i>Steel Co of Scotland. Palmers Co.</i>	Stringer Plate (Straps, single, double or overlapped for <i>whole</i> length amidship.
Has the Steel been tested as required by the Rules? <i>yes.</i>	Butts of Bilge & Side Stringers and Tie Plates, treble or double riveted? <i>both</i>
	Inner Bottom Plating, riveting of Edges <i>Double</i> Butts <i>G. & D.</i>
	Centre Girder Butts, <i>2nd</i> riveted Keelson Butts, <i>G.</i> riveted.
	Frames, riveted through Plates with <i>1</i> in. Rivets, about <i>6"</i> apart.
	Rivets, state whether Iron or Steel <i>Steel</i>

FRAMES extend in one length from <i>Centre to Margin</i> and <i>Margin to Shelter deck</i> ; Cut at oil tight plates & bilge deck.
REVERSED FRAMES on floors and frames extend from <i>Centre to Margin</i> , channels to shelter deck.

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>115</i>	<i>30 x 7/16</i>	<i>30 x 7/16</i>	<i>23 1/2 x 7/16</i>	<i>22 x 7/16</i>	<i>2</i>	-	-	<i>Single</i>	<i>Double</i>	
	Main	<i>Steel</i>	<i>112</i>	"	"	"	"	"	-	-	"	"	
	Mizen	"	"	"	"	"	"	"	-	-	"	"	
Bowsprit													
Topmasts, Yards and Remainder of Spars													
Rigging, Material and Size, Shrouds	<i>Steel wire H 1/2</i>												
Sails, on fore stayrail	<i>Suit of 1</i>												

EQUIPMENT No. 87937-27 LETTER J.																
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.			
<i>58735</i>	1st Bower	<i>111</i>	<i>0</i>	<i>20</i>	<i>Stockless</i>			<i>71</i>	<i>15</i>	<i>0</i>	<i>0</i>	<i>109</i>	<i>0</i>	<i>0</i>	<i>Halls C.S. head</i>	<i>P. Hingley & Son Rutherford 14/2/07 Green</i>
<i>58761</i>	2nd "	<i>109</i>	<i>2</i>	<i>6</i>	"			<i>71</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>109</i>	<i>0</i>	<i>0</i>	"	" <i>16/2/07</i> "
<i>58734</i>	3rd "	<i>94</i>	<i>1</i>	<i>4</i>	"			<i>65</i>	<i>7</i>	<i>2</i>	<i>0</i>	<i>93</i>	<i>0</i>	<i>0</i>	"	" <i>13/2/07</i> "
<i>Spare</i>	4th "	<i>110</i>	<i>0</i>	<i>9</i>	"										"	"
	Collective weight	<i>314</i>	<i>3</i>	<i>10</i>	<i>425</i>	<i>0</i>	<i>11</i>					<i>311</i>	<i>0</i>	<i>0</i>		
<i>58605</i>	Stream	<i>33</i>	<i>0</i>	<i>10</i>	<i>8</i>	<i>1</i>	<i>26</i>	<i>30</i>	<i>19</i>	<i>1</i>	<i>14</i>	<i>32</i>	<i>2</i>	<i>0</i>	<i>Iron stock</i>	" <i>19/1/07</i> "
<i>58604</i>	Kedge	<i>17</i>	<i>0</i>	<i>19</i>	<i>4</i>	<i>1</i>	<i>20</i>	<i>18</i>	<i>8</i>	<i>3</i>	<i>0</i>	<i>17</i>	<i>0</i>	<i>0</i>	"	"

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.									
<i>40570</i>	<i>165</i>	<i>2 7/8</i>	<i>192-12-2-0</i> <i>137-12-0-0</i>	<i>685-2-24</i>	<i>1378</i>	<i>330 2 7/8</i>	<i>Steel</i>	<i>P. Hingley & Son Rutherford 21/1/07 Green</i>		<i>TOWLINE wire</i>	<i>130</i>	<i>7"</i>	<i>113</i>	<i>130-7"</i>
<i>40596</i>	<i>165</i>	<i>2 7/8</i>	"	<i>686-3-7</i> <i>1372-2-3</i>	<i>approx</i>		<i>See secondary letter re weight.</i> <i>(M. 29/10/07)</i>		<i>" 8/2/07 "</i>	<i>HAWSER Manila</i>	<i>120</i>	<i>8"</i>		<i>2-120-8</i>
							<i>120 6" wire</i>			<i>WARP</i>	<i>120</i>	<i>8"</i>		<i>2-120-8</i>
<i>Iron Stream</i>	<i>120</i>	<i>6"</i>	<i>85</i>											

Boats <i>16</i>	Diameter of Barrel <i>7"</i>	State whether they are in efficient working order <i>yes</i>
Pumps, Number <i>2. Stems Navy pumps</i>	Capstan <i>Clarke Chapman, steam</i>	
Windlass is <i>Clarke Chapman, steam</i>		
Engine Room Skylights.—How constructed? <i>Steel & bulls eyes.</i>		
What arrangements for deadlights in bad weather? <i>none.</i>		
Coal Bunker Openings.—How constructed? <i>Steel ports</i>	How are lids secured? <i>Secured</i>	Height above deck? <i>hinged on shell</i>
Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. <i>14 scuppers each side.</i>	Ceiling 'tween Decks, thickness and material <i>2" pine</i>	
Ceiling in Holds, thickness and material <i>2 1/2 Pine</i>	Hatches, If strong and efficient? <i>yes.</i>	
Cargo Hatchways.—How formed? <i>Steel coamings & solid hatches</i>		
State size No. 1 Hatch (Forward) <i>15 x 12</i>	No. 2 Hatch <i>20 x 16</i>	No. 3 Hatch <i>2 at 10 x 10</i>
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch <i>N 1/2 15.8.3 F 4 A. N 2. 1 inch 3 F 4 A. N 3. 3 F 4 A. N 4. 3 F 4 A. N 5. 15.8.3 F 4 A. N 6. 3 F 4 A.</i>	No. of Breasthooks <i>9</i>	No. of Crutches <i>5</i>
Bulwarks, height above deck and description <i>open rails</i>	Main Rail, material and size <i>Rails</i>	
The above is a correct description.	General Manager	Surveyor's Signature <i>G. D. Aisher</i>
Builder's Signature (here only) <i>M. March.</i>	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. 3/11/05 M. 4/7/06*

M. 12/4/06 M. 25/11/06 M. 18/12/06 M. 29/10/07

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*

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*

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

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

The workmanship & materials are good

This vessel has been built in accordance with the approved plan of Midship Section forwarded to the Surveyor on the 5th May 08. and in conformity with the Rules for the class contemplated.

11 Plans forwarded under separate cover. 2 Oil Tank.

*1 Section
1 Profile
1 Pillar
1 Mast
3 Deck
2 Stem frame.*

Note. "Florbian" flooring is laid in Store & Luggage rooms. Ref. Eng. space. Crew, Foreman Petty off. gen. Lfr. bk over oil tanks. Shelter from bk passages. &c.
Not a sister vessel.

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 ☒

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) *3 Dks (Std. W.S.) & Shelter Dk. Std. tank S. & deep framing.*

Official No. ☒; Signal Letters *L.F.K.B.*

How are the surfaces preserved from oxidation? { Inside *Paint & Cement (Bismarck, tank top, engine room, boiler room, bunkers, & engine Refrig. chamber, bunkers, & a. peak tops.* 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,	<i>112.5</i>	<i>217</i>	Fore peak tank,	<i>28.75</i>	<i>92</i>
Double bottom, under Engines and Boilers,	<i>167.5</i>	<i>947</i>	After peak tank,	<i>26.0</i>	<i>125</i>
Double bottom, if under Engines only,	<i>✓</i>		Midship deep tank, <i>Oil 35' 1391. 7. 2. 27. 6 = 1194</i>		
Double bottom, if under Boilers only,	<i>✓</i>		Other tanks, if fitted, <i>Shelter Dk oil 510 tons</i>		
Double bottom, forward,	<i>168.0</i>	<i>530</i>	(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.

Date *17/11/05*

No. *190* in builder's yard.

DATES OF SURVEYS held while building

1905 Dec. 1-2-8-15 Feb. 8-25-27 Mar. 16-18-21-23-25-27-29-30-31 Apr. 9-10-21-23-25-27-29-30-31 May 28-30-31 Jun. 1-19-21-23-25-27-29-30-31 July 7-11-12-14-17-18-20-21-23-24-25-27-29-30-31 Aug. 1-4-9-15-17-21-22-24-28-29-30-31 Sept. 3-4-6-7-8-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31 Oct. 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31 Nov. 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31 Dec. 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31 1906 Jan. 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31 Feb. 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31 Mar. 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31 Apr. 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31 May 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31 Jun. 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31 Jul. 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31 Aug. 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31 Sept. 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31 Oct. 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31 Nov. 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31 Dec. 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31 1907 Jan. 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31 Feb. 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31 Mar. 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31 Apr. 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31 May 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31 Jun. 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31 Jul. 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31 Aug. 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31 Sept. 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31 Oct. 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31 Nov. 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31 Dec. 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31

The amount of Entry Fee *£ 5-0-0*
Special Survey Fee *£ 49-10-0*
Travelling Expenses, if any £ *£ 50-2-8*

Fees applied for,
29 Apr. 1908
Received by me,
30 Apr. 1908
E.S.A.

Certificate to be sent to *Nagasaki*

State whether the Vessel has been built under Special Survey *yes*
I am of opinion this Vessel should be Classed *+100 A1. Shelter Deck*
With, or without Freeboard, as condition of Class *with freeboard*

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

Committee's Minute

Character assigned

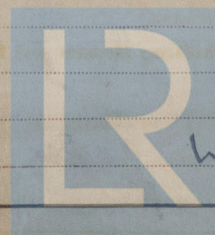
WED. 10 JUN 1908

100 A1

Shelter dk with fbd 57. 8

Lloyd's ascp thmc 2. 08

Write hwc



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