

3 Decks.

IRON OR STEEL STEAMER.

Received at London Office. MON. 10 JUN 1907

State if Report is also sent on the Machinery of the Vessel

Date of completion of report

Port of

No.

Survey held at

Date, First Survey

Last Survey

On the

TONNAGE under Tonnage Deck

Do. between Tonnage Dk. and 3rd and 4th Dk.

Total under Upper Dk.

Do. of Poop

Do. of Bridge House

Do. of Forecastle

Do. of Houses on Dk.

Do. of excess of Hatchways

Do. above Crown of

Engine Room

Gross Tonnage

Less Crew Space

Room ..

OR FEES ..

e Room

ation Spaces

Tonnage

Beam ..

THREE DECKED VESSEL.

CLASS 100 A.1. with full tank.

Half Breadth (moulded)

Depth from upper part of Keel to top of Upper Deck Beams

(with the normal round up of beam)

Girth of Half Midship Frame (as per Rule)

deduct 7 feet

1st Number

Length on deck from after part of stem to fore part of

stern post

2nd Number

Proportions—Breadth to Length

Depth to Length—Upper Deck to top of Keel

Many Deck ditto

Destined Voyage

If Surveyed while Building

Master

Year of appointment

(1) As Master in service of owner of present vessel—18—
(2) As Master of this vessel—18—

Built at

When built

By whom built

Owners

Managers

(Where necessary to be entered in Reg. Book)

Residence

Port belonging to

on Deck Feet. Inches. BREADTH—Feet. Inches. DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams Feet. Inches. No. of Decks with flat laid 28
ule 368 2 Moulded 49 0 Do. do. do. do. Main Dk. Beams 12 10 2 No. of Tiers of Beams 28
of Ship per Register, Length 370.6 breadth 49.3 depth 21.8 Moulded depth, ft. 24 ins. 4 To Upper Dk. Round of Upper Dk. Beam, Actual 12 ins.

FRAMING.

	Inches in Ship	Inches in Ship	20ths in Ship	Inches per Rule Or as Approved	Inches per Rule Or as Approved
Angles on 7-E or L Bars for 3 length amidships	8 3 1/2	11 8	3 1/2	11	11
at each end	8 3 1/2	10 8	3 1/2	10	10
way of Double Bottoms at Solid Floors	3 1/2 3 1/2	8 3 1/2	3 1/2	8	8
at intermdt. Bkts.	24	24			
of Frames from moulding edge to g edge, all fore and aft	24	24			
ED FRAME, Angles	8	8			
FRAMING, depth of girder	8	8			
depth and thickness of Floor Plate at mid-line for 3 length amidships	4 1/2	10 8	4 1/2	10 8	10 8
way of Engines and Boilers	4 1/2	10 8	4 1/2	10 8	10 8
thickness at the ends of vessel	4 1/2	10 8	4 1/2	10 8	10 8
pth at 3 the half breadth, as per Rule	4 1/2	10 8	4 1/2	10 8	10 8
ight extended at the Bilges	4 1/2	10 8	4 1/2	10 8	10 8
S & BRACKETS in Cell Dble Bottoms	24	24			
Distance apart	24	24			
GIRDER, in Double bottom, depth and thickness	4 1/2	10 8	4 1/2	10 8	10 8
Angles, Top	4 1/2	10 8	4 1/2	10 8	10 8
Bottom	4 1/2	10 8	4 1/2	10 8	10 8
ORDERS, number on each side & thickness	2	8	2	8	8
Angles	3 1/2 3 1/2	8 3 1/2	3 1/2	8	8
PLATE, depth (exclusive of flange) and thickness	3 1/2	9 3 1/2	3 1/2	9	9
Angles to Outside Plating	4 1/2	10 8	4 1/2	10 8	10 8
BOTTOM PLATING, breadth and thickness of Middle Line Strake	4 1/2	10 8	4 1/2	10 8	10 8
in Engine and Boiler space	4 1/2	10 8	4 1/2	10 8	10 8
Remainder in Holds	4 1/2	10 8	4 1/2	10 8	10 8
Upper Deck, Single Angle, Bulb Angle, Plate or Tee Bulb Channel	11 3 1/2	14 12	11 3 1/2	14 12	14 12
Angles on upper edge	48	48			
Average space	48	48			
Middle Deck, Single Angle, Bulb Angle, Plate or Tee Bulb Channel	11 3 1/2	14 12	11 3 1/2	14 12	14 12
Angles on upper edge	48	48			
Average space	48	48			
Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb Channel	8 3 1/2	11 8	8 3 1/2	11	11
Angles on upper edge	48	48			
Average space	48	48			
Hold, or Orlop, Plate or Tee Bulb	8 3 1/2	11 8	8 3 1/2	11	11
Angles on upper edge	48	48			
Average space	48	48			
Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb Channel	8 3 1/2	11 8	8 3 1/2	11	11
Angles on upper edge	48	48			
Average space	48	48			
Bridge Deck, Angle, Bulb Angle, Plate or Tee Bulb Channel	8 3 1/2	11 8	8 3 1/2	11	11
Angles on upper edge	48	48			
Average space	48	48			
Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb Channel	8 3 1/2	11 8	8 3 1/2	11	11
Angles on upper edge	48	48			
Average space	48	48			
S, In 'tween Deck, size and spacing					
Hold					
Quarter 'tween Dks.,	11 x 10	14 x 10	11 x 10	14 x 10	14 x 10
in Hold	11 x 10	14 x 10	11 x 10	14 x 10	14 x 10
WEB-FRAMES, In Fore Body, No. and spacing	4	10	4	10	10
brdth. & thickness	4	10	4	10	10
No. of Side Stringers	4	10	4	10	10
WEB-FRAMES, In E. & B. Space, No. & spacing	4	10	4	10	10
brdth. & thickness	4	10	4	10	10
WEB-FRAMES, In After Body, No. and spacing	4	10	4	10	10
brdth. & thickness	4	10	4	10	10
No. of Side Stringers	4	10	4	10	10
Size of Angles or Tee Bars to Web-Frames	18	9 18	18	9 18	9
BRACKET PLATES to Stringers between Web Frames, depth and thickness	18	9 18	18	9 18	9

FORGINGS or CASTINGS.

	Inches in Ship	Inches in Ship	20ths in Ship	Inches per Rule Or as Approved	Inches per Rule Or as Approved
KEEL, Bar or Side-Plates, depth and thickness	11 x 2 7/8	11 x 2 7/8			
STEM, moulding and thickness	11 x 6 3/4	11 x 6 3/4			
STERN-POST for Rudder do. do.	11 x 6 3/4	11 x 6 3/4			
for Propeller	11 x 6 3/4	11 x 6 3/4			
MAIN PIECE of Rudder, diameter at head	10	9 1/2			
do. at heel	7 1/4	6 3/4			
RUDDER, how constructed	Single plate.				
Can the Rudder be unshipped afloat?	Yes.				
KEELSONS & STRINGERS.					
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate					
Rider Plate					
Bulb Plate to Intercoastal Keelson					
Horizontal Plates on Floors					
Angles					
SIDE KEELSON, Angles					
Bulb or Plate above floors, for lng.					
Intercoastal Plate, for length					
Attached to outside Plating with Angle					
BILGE KEELSON, Angles					
Bulb or Plate above floors, for lng.					
Intercoastal Plate for length					
Attached to outside Plating with Angle					
BILGE STRINGER Angles					
Bulb Plate for length					
Intercoastal Plate for length					
Attached to outside Plating with Angle					
SIDE STRINGER Angles	8 1/2 3 1/2	23 1/2 40	8 1/2 3 1/2	23 1/2 40	23 1/2 40
Bulb or Intercoastal Plate, for full lng.	3 1/2 3 1/2	9 8	3 1/2 3 1/2	9 8	9 8
Attached to outside plating with Angle	3 1/2 3 1/2	9 8	3 1/2 3 1/2	9 8	9 8
Upper Deck Stringer Plates, br'dth & thickness	4 1/3	2 1/2 40	4 1/3	2 1/2 40	2 1/2 40
Angle on ditto	2 1/2 40	2 1/2 40	2 1/2 40	2 1/2 40	2 1/2 40
Tie Plates fore and aft, outside Hatchways					
Deck * Iron or Steel, for full lng.	8 7	8 7			
Wood Deck. Material & thickness					
Middle Deck Stringer Plate, br'dth & thickness	4 1/3	9 4 1/3	9	4 1/3	9
Angles on ditto, No. 2	3 1/2 x 3 1/2	9 3 1/2 x 3 1/2	9	3 1/2 x 3 1/2	9
Tie Plates outside Hatchways					
Diagonal Tie Plates on Bms, No. of prs.					
Deck * Iron or Steel, for full lng.	7	7			
Wood Deck. Material & thickness					
Lower Deck Stringer Plate, br'dth & thickness	4 1/3	2 1/2 40	4 1/3	2 1/2 40	2 1/2 40
Angles on ditto, No. 2 (in Wells 4 x 4)	3 1/2 x 3 1/2	13 3 1/2 x 3 1/2	13	3 1/2 x 3 1/2	13
Tie Plates, outside Hatchways	5 x 3 1/2 P.P.				
Deck * Material and thickness	Steel	8			
Hold, or Orlop Stringer Plate, br'dth & thckn's					
Angles on ditto, No.					
Tie Plates outside Hatchways					
Deck. Material and thickness					
Poop Deck Stringer Plate, breadth & thickness	3 1/4	8 3 1/4	8		
Angle on ditto Channel	10 x 3 1/2	11 3 x 3	8		
Tie Plates	15	15			
Deck. Material and thickness	P.P.	5 x 3			
Bridge Deck Stringer Plate, br'dth & thickness	4 1/3	8 4 1/3	8		
Angle on ditto Channel	10 x 3 1/2	11 4 x 4	13		
Tie Plates	5 x 3 P.P.				
Deck. Material and thickness	Steel	5			
Forecastle Deck Stringer Plate, br'dth & th'kns	3 1/4	8 3 1/4	8		
Angle on ditto Channel	10 x 3 1/2	11 3 x 3	8		
Tie Plates	15	15			
Deck. Material and thickness	5 x 3 P.P.				

	Number.	Thickness.	STIFFENERS.	Single or Double Frames.	Height up.
BULKHEADS.	In Vessel.	Per Rule.	Horizontal. Size. Spacing. Vertical. Size. Spacing.		
W. T. BULKHEADS	6	6	7.6	Semi box 6 x 3 x 3.30	8 1/2
PARTITION					
LONGITUDINAL					
Are the outside Plates doubled two spaces of Frames in length?					
Are the Stairs Valves and Watertight Doors in efficient working order?					

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.	16ths or 20ths.	16ths or 20ths.
FLAT PLATE KEEL..... (If Bar Keel, state Riveting.)	36	14	15	14	36	14			Dbl.	6	1	4	Tbl.	1	3 1/2	20	21-17		Full.	
GARBOARD OR A Strake ...	54	13	12	12	54	13			"	5 1/2	3/8	3 3/4	Quad	1	4			14 1/2	1/2 L.	
State actual thickness in way of Double Bottom.	B	11	12	13		11			"	"	"	"	Tbl	3/8	3 1/2			10	Full	
C	11	10	11		11			"	"	"	"	"	Quad	"	3 1/2			13 1/2	1/2 L.	
D	11	10	14		11			"	"	"	"	"	Tbl	"	3 1/2			10	Full	
E	13	10	15		13			"	"	"	"	"	Quad	"	3 1/2			13 1/2	1/2 L.	
F	13	10	15		13			"	"	"	"	"	"	"	"			"	"	
G	13	10	15		13			"	"	"	"	"	"	"	"			"	"	
H	12	9	12		12			"	"	"	"	"	"	"	"			"	"	
I	12	9	12		12			"	"	"	"	"	"	"	"			"	"	
J	12	9	12		12			"	"	"	"	"	"	"	"			"	"	
K	12	9	12		12			"	"	"	"	"	"	"	"			"	"	
L	13	9	13		13			"	"	"	"	"	"	"	"			"	"	
M	13	9	8		13			"	"	"	"	"	"	"	"			"	"	
N	412	14	9	8	412	14			"	6	1	4	"	1	4			14 1/2	3/4 L.	
O																				
P																				
Q																				
R																				
DOUBLING of Flat Plate Keel	24	13	for 1/2 L. Amidships				13													
Length and thickness of Bilges	up break of bridge-house																			
Length and thickness of Sheerstrakes	Shelter dk side plating increased in lieu.																			
Length and thickness of Strake below																				
POOP SIDES									Single	3	3/4	3 3/4	Dbl	3/4	2 5/8			5 1/2	Full.	
BRIDGE SIDES		8				8			Single	5 1/2	3	3 3/4	Tbl	3/4	3 1/2			9	"	
FORECASTLE SIDES			8						Sgl	3	3/4	3	Dbl	3/4	2 5/8			5 1/2	"	

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, Shelton & Co. Ltd. Barrow. D. Colville South Durham Steel Co. Scotland Glasgow & Co. Palmers, Dublin. J. & J. Dorman Long, Lanarkshire. Beardmore, Govan.*

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

Upper Deck (Butts, treble riveted for *3/8* length amidship.

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

Middle Deck (Butts, treble riveted for *whole* 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? *Tbl & Dbl*

Inner Bottom Plating, riveting of Edges *Dbl & Sgl*. Butts *Dbl*.

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

Frames, riveted through Plates with *1 9/16* in. Rivets, about *6 9/16* apart.

Rivets, state whether Iron or Steel *Shelterstrake & 2 strakes below steel remainder iron.*

FRAMES extend in one length from *centre girder* to *margin plate* and from *margin plate* to *weather decks*.

REVERSED FRAMES on floors and frames extend from *centre girder* to *margin plates*. *Blue angle frames.*

MASTS, SPARS, &c.									
Material.	Total Length.	DIAMETER AND THICKNESS.				No. of Plates in round.	ANGLES.		RIVETING.
		At Partners.	Heel.	Hounds.	Head.		Number.	Size.	
Fore	<i>Steel</i> 107.3	30 x 20	24 x 20	20 x 20	7 x 20	2	3	3 1/2 x 3 x 3/8	<i>Dbl & Sgl. Quad Tbl & Dbl.</i>
Main	101.9	20	20	20	20	5	5	5	5
Mizen									
Bowsprit									
Topmasts, Yards and Remainder of Spars	<i>Pitch pine</i>								
Rigging, Material and Size, Shrouds	<i>4 1/2 Steel wire</i>								
Sails.	<i>One</i> Suit of <i>fore & aft</i> Sails, and the following spare sails								

EQUIPMENT No. 42/30 LETTER <i>X</i>										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.					
58422	1st Bower ...	57	0	16	Stockless			46	15	2	14	56	1	0	Halls Cast Steel Works	A Hingley & Son L.P.N.	14/12/06		
58423	2nd „ ...	56	3	5	„			46	10	3	21	56	1	0	„	„	14/12/06		
58421	3rd „ ...	47	2	21	„			40	19	1	14	47	2	0	„	„	14/12/06		
	4th „ ...																		
	Collective weight	161	2	14								160	0	0			Hammer Drop and Bend tests.		
58407	Stream	15	1	26.3	3	10	16	18	3	0		15	0	0	Rodgers	„	8/12/06		
58432	Kedge.....	6	2	0	1	2	21	8	15	0	0	6	2	0	„	„	14/12/06		
																	H Green Ltd. et.		

If Stockless, state Mechanical Tests.

CHAIN CABLES.										HAWERS 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.														
39695	135	2 1/2	113 1/4	307.0	11	608.2	14	270 x 2 1/2	<i>Steel H. Hingley & Son L.P.N.</i>	15/11/06	TOWLINE	120	4 1/2	3.9	120 x 4 1/2				
39694	135	2 1/2	81 1/4	305.2	13				"	13/11/06	HAWSER	100	3 1/2	2.6	90-7				
										<i>H. Green Sup. Ltd.</i>	WARP	90	7		Man. 1 in. ho.				
Iron Stream Chain	90	4 1/2	39					90 x 4 1/2											
Steel Wire																			

Boats *2 Life cutters. 1 Gig. 3 Surf boats*

Pumps, Number *7-5" and 1-13"* Diameter of Barrel. State whether they are in efficient working order *Yes*

Windlass is *Iron patent* Capstan

Engine Room Skylights.—How constructed? *Steel coamings casings & shutters.*

What arrangements for deadlights in bad weather? *Glass lights*

Coal Bunker Openings.—How constructed? *Steel coamings* How are lids secured? *Patented* Height above deck? *Above bridge deck.*

Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. *8 Scuppers & 4 Freeing ports each side - 1-8 1/2 x 1-0*

Ceiling in Holds, thickness and material *2 1/2 W.P. over timbers only.* Ceiling 'tween Decks, thickness and material *5 x 2 1/2 W.P.*

Cargo Hatchways.—How formed? *Steel coamings* Hatches, If strong and efficient? *Yes.*

State size No. 1 Hatch (Forward) *26 x 14* No. 2 Hatch *26 x 14* No. 3 Hatch *26 x 14* No. 4 Hatch *26 x 14*

Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch. *2 Shifting webs and 3 beams in each Hatchways*

No. of Breasthooks *8* No. of Crutches *3 & Deep floor*

Bulwarks, height above deck and description *Open rails above Shelter deck* Main Rail, material and size

The above is a correct description. *HARLAND & WOLFE LTD.* Surveyor's Signature *E. J. Milton*

Builder's Signature (here only) *A. J. Carville* 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. 14.12.05 1.1.06 27.4.06

Workmanship. Are the butts of plating planed or otherwise fitted?

Lapped & 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, the approved plans and the Secretary's letters quoted above.

The workmanship and materials are good throughout.

Close ceiling is fitted in the holds over the timbers only, as specified by the Owners.

Sister vessels. S.S. Aburi Belfast report 6240
S.S. Sierra Leone " " 6250

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

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 28 ft., R.Q.D. or Break ft., Bridge Dk. 106 ft., F'castle 54 ft.

(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated

Complete Shelter Dk with Poop

Bridge and Forecastle on same.

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 (Stl - W.S.)

Official No. ; Signal Letters

How are the surfaces preserved from oxidation? Inside Portulandement & Paint Outside Paint.

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with g'rders on floors

Cell. Dks

Where fitted.	*Length.	Water Capacity.	Where fitted.	*Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,	106	268	Fore peak tank,	18	84
Double bottom, under Engines and Boilers,	42	144	After peak tank,	12	32
Double bottom, if under Engines only,			Midship deep tank,		
Double bottom, if under Boilers only,			Other tanks, if fitted,		
Double bottom, forward,	152	420	(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. 508

Date 14 March 1906

No. 386 in builder's yard.

DATES OF SURVEYS held while building

1906 April 20 May 29 24 June 12 21 29 July 20 25 27 31 Aug 2 14 29 Sep 5 11 13
27 Oct 3 5 9 11 12 15 16 18 23 25 30 31 Nov 2 7 11 12 14 20 21 23 28 29 Dec 4 10
12 17 19 Jan 3 7 9 11 16 21 24 25 30 31 Feb 11 Mar 4 12 19 22 April 4 10 16
May 7 9 13 15 17 22 24 28 29 30 31

Total No. of Visits

74

The amount of Entry Fee £ 5: 0: 0

Special Survey Fee £ 14: 5: 6

Travelling Expenses, if any £ : : :

Fees applied for,

31 May 1907

Received by me,

26 1/2 1/2

116 1/2

Yes

Certificate to be sent to

This Office.

State whether the Vessel has been built under Special Survey

I am of opinion this Vessel should be Classed

*

100 A.1. Steel. Shelter Dk.

With, or without Freeboard, as condition of Class

With Freeboard.

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

E. J. Millon

Committee's Minute

Character assigned

TUES. 11 JUN 1907

100 A.1. (Stl)

Shelter dk with fbd 5 2. 5 1/2

Lloyd's as per + hmc 5-07

The Surveyors are requested not to write on or below the Committee's Minute.



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W902-0028 2/2