

3 Decks.

## IRON OR STEEL STEAMER.

Received at London Office. THUR. JUL 4 1907

Date of completion of report

Survey held at

On the

TONNAGE under

Tonnage Deck...

Do. between Tonnage Dks.

Do. of Forecastle

Do. of Houses on Dk.

Do. of excess of Hatchways

Do. above Crown of

Engine Room

Gross Tonnage

Less Crew Space

Less above Crown of

Engine Room

Navigation Spaces

Net Tonnage

on Beam

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

2nd July 1907 Port of

Date, First Survey

Last Survey

Rig

THREE DECKED VESSEL.

CLASS 100 A. 1.

Half Breadth (moulded)

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

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

Main Deck ditto

Destined Voyage

If Surveyed while Building

Afloat, or in Dry Dock

Master

Year of appointment

Built at

When built

By whom built

Owners

Managers

Residence

Port belonging to

No. 6328

26th June 1907

Rig

Master

Year of appointment

Built at

When built

By whom built

Owners

Managers

Residence

Port belonging to

No. of Decks with flat laid

No. of Tiers of Beams

Round of Upper

Dk. Beam, Actual

To Upper Dk.

Inches in Ship

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## FRAMING.

ME, Angle, or Tee Bars for length

amidships

for at each end

in way of Double Bottoms at Solid Floors

at intermdt. Bkts.

ence of Frames from moulding edge to

oulding edge, all fore and aft

VERSE FRAME, Angles

EP FRAMING, depth of girder

DOORS, depth and thickness of Floor Plate

at mid-line for length amidships

in way of Engines and Boilers

thickness at the ends of vessel

depth at the half breadth, as per Rule

height extended at the Bilges

DOORS &amp; BRACKETS in Cell Dble Bottoms

Distance apart

NTRE GIRDER, in Double bottom, depth

and thickness

Angles, Top

Bottom

DE GIRDERS, number on each side &amp; thickness

Angles

ARGIN PLATE, depth (exclusive of flange)

and thickness

Angles to Outside Plating

NER BOTTOM PLATING, breadth and

thickness of Middle Line Strake

in Engine and Boiler space

Remainder in Holds

BEAMS, Upper Deck, Single Angle, Bulb

Angle, Plate or Tee Bulb

Angles on upper edge

Average space

BEAMS, Middle Deck, Single Angle, Bulb

Angle, Plate or Tee Bulb

Angles on upper edge

Average space

BEAMS, Lower Deck, Single Angle, Bulb

Angle, Plate or Tee Bulb

Angles on upper edge

Average space

BEAMS, Hold, or Orlop, Plate or Tee Bulb

Angles on upper edge

Average space

BEAMS, Poop Deck, Angle, Bulb, Angle, Plate

or Tee Bulb

Angles on upper edge

Average space

BEAMS, Bridge Deck, Angle, Bulb, Angle, Plate

or Tee Bulb

Angles on upper edge

Average space

BEAMS, Forecastle Deck, Angle, Bulb, Angle, Plate

or Tee Bulb

Angles on upper edge

Average space

PILLARS, In 'tween Deck, size and spacing

Hold

Quarter 'tween Dks.

in Hold

WEB-FRAMES, In Fore Body, No. and spacing

brdth. &amp; thickness

No. of Side Stringers

WEB-FRAMES, In E. &amp; B. Space, No. &amp; spacing

brdth. &amp; thickness

No. of Side Stringers

Size of Angles or Tee Bars to Web-Frames

BRACKET PLATES to Stringers between

Web Frames, depth and thickness

## FORGINGS or CASTINGS.

KEEL, Bar or Side Plates, depth and thickness

STEM, moulding and thickness

STERN-POST for Rudder do. do.

for Propeller

MAIN PIECE of Rudder, diameter at head

do. at heel

RUDDER, how constructed

Can the Rudder be unshipped afloat?

KEELSONS &amp; 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

Intercoastal Plate, for

Attached to outside Plating with Angle

BILGE KEELSON, Angles

Bulb or Plate above floors, for

Intercoastal Plate for

Attached to outside Plating with Angle

BILGE STRINGER Angles

Bulb or Plate above floors, for

Intercoastal Plate, for

Attached to outside plating with Angle

Upper Deck Stringer Plates, br'dth &amp; thickness

Angle on ditto

Tie Plates fore and aft, outside Hatchways

Deck, Iron or Steel, for

Wood Deck, Material &amp; thickness

Middle Deck Stringer Plate, br'dth &amp; thickness

Angles on ditto, No.

Tie Plates outside Hatchways

Diagonal Tie Plates on Bms., No. of prs.

Deck, Iron or Steel, for

Wood Deck, Material &amp; thickness

Lower Deck Stringer Plate, br'dth &amp; thickness

Angles on ditto, No.

Tie Plates, outside Hatchways

Deck, Material and thickness

Hold, or Orlop Stringer Plate, br'dth &amp; th'kns

Angles on ditto, No.

Tie Plates outside Hatchways

Deck, Material and thickness

Poop Deck Stringer Plate, breadth &amp; thickness

Angle on ditto

Tie Plates

Deck, Material and thickness

Bridge Deck Stringer Plate, br'dth &amp; thickness

Angle on ditto

Tie Plates

Deck, Material and thickness

Forecastle Deck Stringer Plate, b'dth &amp; th'kns

Angle on ditto

Tie Plates

Deck, Material and thickness

BULKHEADS.

Number, Thickness.

STIFFENERS.

Horizontal, Vertical.

Single or Double.

Height up.

W. T. BULKHEADS

PARTITION

LONGITUDINAL

Are the outside Plates doubled two spaces of Frames in length?

Are the Stave 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.	Thickness.	Breadth.	For what Length.		
FLAT PLATE KEEL.....	36	17	15	14	36	17	Dbl	6	1	4	Tbl.	1	3 1/2	20	21-17		Full.		
(If Bar Keel, state Riveting)																			
GARBOARD OR A Strake ...	54	13	12	12	54	13	"	5 1/2	7/8	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.	7/8	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	"	"	"	"	"	"	"			"	"		
J " ...		12	9	12		12	"	"	"	"	"	"	"			"	"		
K " ...		12	9	12		12	"	"	"	"	"	"	"			"	"		
L " ...	57	13	9	13		13	"	"	"	"	"	"	"			"	"		
M " ...		13	9	8		13	"	"	"	"	"	"	"			"	"		
N " ...	42	14	9	8	42	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 length			13													
Length of Bilges .....																			
of Sheerstrakes.																			
of Strake below																			
POOP SIDES .....																			
BRIDGE SIDES .....		8				8													
FORECASTLE SIDES .....			8			8													
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.?										Upper Deck (Butts, treble riveted for 3/5 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? 7/8 & 1 1/2. Inner Bottom Plating, riveting of Edges Tbl & Sgl Butts Tbl. Centre Girder Butts, Tbl riveted Keelson Butts, Tbl riveted. Frames, riveted through Plates with 1 1/2 in. Rivets, about 6 1/2 apart. Rivets, state whether Iron or Steel Sheerstrake & 2 strakes below steel remainder iron.									
Siemens Martin Sheelton & Co. Ltd. Barrow. D Colville South Durham Steel Co of Scotland Glasgow W.B. Palmers Dowlais Cardiff. Jorman Long Lanarkshire. Beardmore & Co.																			
Has the Steel been tested as required by the Rules?										Yes.									
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 plate & from margin plate to bulwarks.																			
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 .....		Steel	101.3	30 x 9/20	24 x 9/20	20 x 1/20	7 x 9/20	2	3	5 1/2 x 3 x 9/20	Tbl & Sgl.	Quad.	Tbl & Sgl.				
		Main .....		"	101.9	20	20	20	20	20	20	20	20	20	20				
		Mizen.....		"															
Bowsprit																			
Topmasts, Yards and Remainder of Spars																			
Rigging, Material and Size, Shrouds																			
Sails.		One		Suit of															
EQUIPMENT No. 42430 LETTER R. ANCHORS.																			
		Number of Certificate.		Anchors.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			WEIGHT REQUIRED BY TABLE 22.			Description of Anchor.		
					Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.		
58535		1st Bower			57	1	13	Stockless	46	17	0	21	56	1	0		Halls Cast S.L. & Co.		
58536		2nd "			56	3	17	"	46	12	2	0	56	1	0		"		
58537		3rd "			47	3	5	"	41	0	3	21	47	2	0		"		
		4th "															"		
		Collective weight			162	0	7		160	0	0								
58480		Stream .....			15	1	7	3	2	11	16	16	2	7	15	0	0		
58518		Kedge.....			6	2	15	1	2	22	9	0	0	0	6	2	0		
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.		
							Supplied.	Per Table 22.									Fathoms and Size per Table 22.		
40594		135		2 1/2	81 1/4	304.3	17	608	2.14	270 x 2 1/8	Steel	H. Angley & Co. LPHN. 29/12/06		TOWLINE.	120	4 1/2	33		
39745		135		2 1/2	113 1/4	304.3	0				"	" 31/12/06		HAWSER	100	3 1/2	26		
														WARP	90	7	90 x 7		
														HAWSERS	120	2 1/2	12 1/2		
Iron Stream Chain or Steel Wire ...																			
Boats 2 Life cutters 19' 3" 3 Surf boats																			
Pumps, Number												Diameter of Barrel		State whether they are in efficient working order					
														Yes.					
Windlass is												Capstan							
Engine Room Skylights.—How constructed?																			
What arrangements for deadlights in bad weather?																			
Coal Bunker Openings.—How constructed?												Height above deck?		Above bridge deck.					
Number of Scuppers, and numbers and dimensions of Freeing Ports, &c.																			
Ceiling in Holds, thickness and material.												Ceiling 'tween Decks, thickness and material		6 x 2 1/2 W.P.					
Cargo Hatchways.—How formed?												Hatches, If strong and efficient?		Yes.					
State size No. 1 Hatch (Forward)												No. 2 Hatch		No. 3 Hatch		No. 4 Hatch			
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch												No. of Breasthooks		No. of Crutches		No. of Deep floors			
Bulwarks, height above deck and description												Main Rail, material and size							
The above is a correct description.																			
Builder's Signature (here only)												Surveyor's Signature		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.

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 57 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

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

Cell Dk

Where fitted.	*Length.	Water Capacity.	Where fitted.	*Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,	156	268	Fore peak tank,	18	87
Double bottom, under Engines and Boilers,	42	147	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. 569

Date 14 March 1906

No. 357 in builder's yard.

DATES of Surveys held while building

1906. July 20.25.27.31 Aug 2.14.29.30. Sep 5.11.13.27. Oct 3.9.11.15.18.23.25.30. Nov 2.9.12.14.21.28.29. Dec 4.5.12.19. 1907. Jan 3.7.9.11.16.21.25.30. Feb 5.11.12.22.25. Mar 4.7.12.14.19.27. Apr 4.10.16. May 7.9.11.15.17.22.24.28.30. June 17.19.20.21.24.25.26

Total No. of Visits 70

The amount of Entry Fee .....£ 5: 0: 0

Special Survey Fee ...£114: 18: 0

Travelling Expenses, if any £ : :

Fees applied for,

2nd July 1904

Received by me,

9.7.18

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 N. 1. Steel Shelter Dk.

With, or without Freeboard, as condition of Class

with freeboard.

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

Committee's Minute

Character assigned

FRI, 5 JUL 1907

100A1

Steel Dk with fld 5 2 5/8

Lloyd's a & b. D

+ Lmb 6.07

F. D. b. b. b. b.