

With or Without Disconnected Erections.

STEEL STEAMER.

Received at London Office **TUE OCT. 24 1911**

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

Date of completion of report

Survey held at

On the

S. S. Sen - Maru

Date, First Survey

Port of

NEWCASTLE ON TYNE

No.

61221

Last Survey

16 Oct 1911

1911

Rig

Schooner

Master

S. Kaburaki

Year of appointment

(1) As Master in service of owner of present vessel: 191
(2) As Master of this vessel: 191

Built at

Walker, Newcastle

When built

1911

Launched *11 Sep 1911*

By whom built

Sir W. G. Armstrong Whitworth & Co

Owners

The Osaka Shosen Kaisha

Managers

(Where necessary to be entered in Reg. Book.)

Residence

Osaka

Port belonging to

Osaka

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

Less above Crown of

Engine Room

TONNAGE FOR FEES

Less Engine Room

Less Navigation Spaces

Register Tonnage

as cut on Beam

CLASS

100 A.1.

FEET.

Breadth (greatest moulded)

43.75

Depth, at middle of length from top of keel to top of upper deck beams at side

27.25

Transverse Number

71.00

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

305

Longitudinal Number

21655

Depth "d" at middle of length (See Secs. 2 & 13)

17.00

Proportions—Depths to Length—Upper Deck Beam at side to top of keel

11.2

" " Long Bridge Deck Beam at side to top of keel

8.9

Destined Voyage

Middleborough

If Surveyed while Building, Afloat, or in Dry Dock

Yes

LENGTH on Deck as per Rule	Feet.	Inches.	BREADTH—Moulded	Feet.	Inches.	DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams	Feet.	Inches.	No. of Decks with flat laid	No. of Tiers of Beams
<i>305</i>	<i>0</i>		<i>43</i>	<i>9</i>		Do. do. do. Second Dk. Beams	<i>24</i>	<i>11 1/2</i>	<i>2</i>	<i>2</i>
						Moulded depth, ft. <i>34</i> ins. <i>3</i>			To Bridge Dk. Round of Upper Dk. Beam, Actual	<i>10 3/4</i> ins.
						Moulded depth, ft. <i>27</i> ins. <i>3</i>			To Upper Dk.	

Dimensions of Ship per Register, Length *305.1* breadth *44.1* depth *24.9* Moulded depth, ft. *27* ins. *3* To Upper Dk.

FRAMING.				PILLARS.				KEELSONS & STRINGERS.			
FRAME, Angles, or E or L Bars amidships	Inches in Ship.	Inches in Ship.	Inches in Ship.	PILLARS, In 'tween Deck, size and spacing	Inches in Ship.	Inches in Ship.	Inches in Ship.	CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate	Inches in Ship.	Inches in Ship.	Inches in Ship.
Do. in peaks	<i>6 1/2</i>	<i>3 1/2</i>	<i>40</i>	" " Hold	<i>8 1/2</i>	<i>4 1/2</i>	<i>8 1/2</i>	" Rider Plate	<i>12 1/2</i>	<i>5 1/2</i>	<i>12 1/2</i>
Do. in way of Double Bottoms at Solid Floors	<i>3 1/2</i>	<i>3 1/2</i>	<i>36</i>	" Quarter 'tween Dks.,				" Flat Plate Keel Angles			
" " at intermdt. Bkts.				" " in Hold				" Horizontal Plates on Floors			
Spacing of Frames from centre to centre amidships								" Angles or Bulb Angles			
" " length to Collision bulkhead	<i>24</i>		<i>24</i>					SIDE KEELSONS, Number			
" " in peaks								" Angles or Bulb Angles			
REVERSED FRAME, Angles	<i>3 1/2</i>	<i>3 1/2</i>	<i>36</i>					" Plate above floors, for length			
Do. in way of Double Bottoms at Solid Floors	<i>3 1/2</i>	<i>3 1/2</i>	<i>36</i>					" Intercoastal Plate, for length			
" " at intermdt. Bkts.								" Attached to outside Plating with Angle			
FRAMING, depth of girder								BILGE KEELSON, Angles			
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships								" Intercoastal Plate for length			
" in way of Engine and Boiler Spaces								" Attached to outside Plating with Angle			
" thickness at the ends of vessel								SIDE STRINGERS, Number			
" depth at 1/2 the half breadth, as per Rule								" Angle			
" height extended at the Bilges								" Intercoastal Plate, for length			
FLOORS & BRACKETS in Cell Dble Bottoms								" Attached to outside plating with Angle			
" state if flanged (top & bottom)	<i>6 1/2</i>	<i>4 1/2</i>	<i>48</i>					Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)	<i>4 1/2</i>	<i>5 1/2</i>	<i>4 1/2</i>
" Spacing	<i>38</i>	<i>4 1/2</i>	<i>48</i>					" br'dth & thickness (in way of Bridge)	<i>4 1/2</i>	<i>4 1/2</i>	<i>4 1/2</i>
ENTRE GIRDER, in Dbl. bottom, dpth. & thickness	<i>3 1/2</i>	<i>3 1/2</i>	<i>44</i>					" Angle (clear of Bridge)	<i>4 1/2</i>	<i>5 1/2</i>	<i>4 1/2</i>
" Angles, Top	<i>4</i>	<i>4</i>	<i>56</i>					" Tie Plate at sides of Hatchways			
" " Bottom	<i>5</i>	<i>5</i>	<i>48</i>					" Deck * Iron or Steel, for full lng.	<i>4 1/2</i>	<i>3 1/2</i>	<i>4 1/2</i>
" " to Floors	<i>1</i>	<i>3 1/2</i>	<i>34</i>					" Thickness (clear of Bridge)	<i>4 1/2</i>	<i>3 1/2</i>	<i>4 1/2</i>
IDE GIRDERS, number on each side & thickness								" (in way of Bridge)	<i>4 1/2</i>	<i>3 1/2</i>	<i>4 1/2</i>
" state if flanged (top and bottom)	<i>3 1/2</i>	<i>3 1/2</i>	<i>36</i>					" Wood Deck. Material & thickness			
" Angles (top and bottom)	<i>3</i>	<i>3</i>	<i>34</i>					Second Deck Stringer Plate, br'dth & thickness	<i>5 1/2</i>	<i>3 1/2</i>	<i>5 1/2</i>
" " to Floors	<i>30</i>	<i>40</i>	<i>30</i>					" Angles on ditto, No.	<i>3 1/2</i>	<i>4 1/2</i>	<i>3 1/2</i>
MARGIN PLATE, depth (exclusive of flange) and thickness	<i>3 1/2</i>	<i>3 1/2</i>	<i>40</i>					" Tie Plates outside Hatchways			
" Angles to Outside Plating	<i>5</i>	<i>3 1/2</i>	<i>40</i>					" Deck * Iron or Steel, for full lng.	<i>3 1/2</i>	<i>4 1/2</i>	<i>3 1/2</i>
" " Floors								" Wood Deck. Material & thickness			
" Height of Brackets above at bilge	<i>38</i>	<i>4 1/2</i>	<i>38</i>					Third Deck Stringer Plate, br'dth & thickness			
NER BOTTOM PLATING, breadth and thickness of Middle Line Strake	<i>4 1/2</i>	<i>5 1/2</i>	<i>44</i>					" Angles on ditto, No.			
" " in Engine and Boiler space	<i>3 1/2</i>	<i>3 1/2</i>	<i>36</i>					" Tie Plates, outside Hatchways			
" " Remainder in Holds								" Deck * Material and thickness			
AMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel								Fourth and Fifth Deck Stringer Plate, breadth & thickness			
" Angles on upper edge								" Angles on ditto, No.			
" In way of Long Bridge								" Tie Plates outside Hatchways			
" Spacing								" Deck. Material & thickness	<i>30</i>	<i>3 1/2</i>	<i>30</i>
BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel								Poop Deck Stringer Plate, breadth & thickness	<i>30</i>	<i>3 1/2</i>	<i>30</i>
" Angles on upper edge								" Angle on ditto	<i>30</i>	<i>3 1/2</i>	<i>30</i>
" Spacing								" Tie Plates			
BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel								" Deck. Material and thickness	<i>Steel</i>	<i>25</i>	<i>25</i>
" Angles on upper edge								Bridge Deck Stringer Plate, br'dth & thickness	<i>4 1/2</i>	<i>4 1/2</i>	<i>4 1/2</i>
" Spacing								" Angle on ditto	<i>4 1/2</i>	<i>4 1/2</i>	<i>4 1/2</i>
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel								" Tie Plates			
" Angles on upper edge								" Deck. Material and thickness	<i>Steel</i>	<i>55</i>	<i>55</i>
" Spacing								Forecastle Deck Stringer Plate, br'dth & thickness	<i>30</i>	<i>3 1/2</i>	<i>30</i>
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel								" Angle on ditto	<i>30</i>	<i>3 1/2</i>	<i>30</i>
" Angles on upper edge								" Tie Plates			
" Spacing								" Deck. Material and thickness	<i>3 P.Pine</i>		
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel											
" Angles on upper edge											
" Spacing											

* If Iron or Steel Deck, state if whole or part, and if Wood Deck is laid thereon.

WEB FRAMES.										FORGINGS or CASTINGS.									
Inches in Ship.										Inches in Ship.									
WEB-FRAMES, In Fore Body, No. and spacing										KEEL, Bar, depth and thickness									
" " " " " " " " " " " "										STEM, moulding and thickness									
WEB-FRAMES, In E. & B. Space, No. and spacing										STERN-POST for Rudder do. do.									
" " " " " " " " " " " "										" " " " " " " " " " " "									
WEB-FRAMES, In After Body, No. and spacing										RUDDER-A x D Table 22. Speed 10 knots 284									
" " " " " " " " " " " "										" Main-Piece, diameter at head									
" " " " " " " " " " " "										" " " " " " " " " " " "									
BRACKET PLATES to Stringers between Web Frames, depth and thickness										" " " " " " " " " " " "									
BULKHEADS.										RUDDER, how constructed									
W.T. BULKHEADS										" Thickness of Plates or Single Plate									
COLLISION " PARTITION " LONGITUDINAL "										Can the Rudder be unshipped afloat?									
Are the outside Plates doubled two spaces of Frames in length?										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.?									
Are the Sluice Valves and Watertight Doors in efficient working order?										Has the Steel been tested as required by the Rules?									
PLATING.										RIVETING.									
STRAKES.										EDGES									
AS IN SHIP.										Ordinary or Joggled?									
PER RULE OR AS APPROVED.										Butts.									
FLAT PLATE KEEL										Double or Treble and for what Length									
GARBOARD OF A STRAKE										RIVETS.									
State actual thickness in way of Double Bottom.										STRAPE.									
B "										If LAPPED.									
C "										Diam.									
D "										Spacing									
E "										Breadth.									
F "										Thickness.									
G "										Breadth.									
H "										For what Length.									
J "										Diam.									
K "										Spacing									
L "										Breadth.									
M "										Thickness.									
N "										Breadth.									
O "										For what Length.									
P "										Diam.									
Q "										Spacing									
R "										Breadth.									
S "										Thickness.									
T "										Breadth.									
U "										For what Length.									
V "										Diam.									
W "										Spacing									
THICKNESS OF SHEERSTRAKE										RIVETS.									
CLEAR OF LONG BRIDGE										STRAPE.									
DO. OF STRAKE BELOW										If LAPPED.									
DECK OF Flat Plate Keel										Diam.									
" Sheerstrakes										Spacing									
Length and thickness.										Breadth.									
POOP SIDES										Thickness.									
SHORT BRIDGE SIDES										Breadth.									
FORECASTLE SIDES										For what Length.									
Upper Deck										Butts of Side Stringers									
Stringer Plate										Tie Plates									
Second Deck										Inner Bottom Plating, riveting of Edges									
Stringer Plate										Centre Girder Butts									
Frames, riveted through Plates with										Rivets, state whether Iron or Steel									
FRAMES extend in one length from										State if ordinary or joggled									
REVERSED FRAMES on floors and frames extend from										State if ordinary or joggled									
MASTS, SPARS, &c.										RIVETING.									
Material.										Diameter and Thickness.									
Total Length.										No. of Plates in round.									
At Partners.										Angles.									
Heel.										Number.									
Hounds.										Size.									
Head.										Seams.									
No. of Plates in round.										Butts.									
Fore										Diam.									
Main										Spacing									
Mizen										Breadth.									
Bowsprit										Thickness.									
Topmasts, Yards and Remainder of Spars										Breadth.									
Rigging, Material and Size, Shrouds										For what Length.									
Sails.										Diam.									
One										Spacing									
Suit of										Breadth.									
fore & aft.										Thickness.									
Sails, and the following spare sails										Breadth.									

EQUIPMENT No. 22533										ANCHORS.										TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS									
Number of Certificate.										Description of Anchor.										Makers.									
37652										1st Bower										Taylor C.S. head									
37754										2nd "										" "									
17753										3rd "										" "									
9344										4th "										" "									
9345										Collective weight										" "									
Stream										" "										" "									
Kedge										" "										" "									
CHAIN CABLES.										HAWSE AND WARPS.										HAWSE AND WARPS.									
Number of Certificate.										Length and size supplied.										Length and size supplied.									
Length.										Diam.										Length.									
Fathoms.										Ins.										Fathoms.									
9635										2405 1 1/2										2405 1 1/2									
Isan Stream										" "										" "									
Steel Wire										" "										" "									
Boats										Steering Gear, Steam										Steering Gear, Hand									
Pumps, Number										Diameter of Barrel										State whether they are in efficient working order									
Windlass is										Capstan										" "									
Engine Room Skylights										How constructed?										What arrangements for deadlights in bad weather?									
Coal Bunker Openings										How constructed?										Height above deck?									
Number of Scuppers										and numbers and dimensions of Freeing Ports, &c.										Forward & Aft.									
Ceiling in Holds										thickness and material										Cargo Battens, thickness and material									
Cargo Hatchways										How formed?										Hatches, If strong and efficient?									
State size No. 1 Hatch (Forward)										No. 2 Hatch										No. 3 Hatch									
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch										No. of Breasthooks										No. of Crutches									
Bulwarks, height above deck and description										Main Rail, material and size										" "									
The foregoing is a correct description.										Surveyor's Signature										Surveyor to Lloyd's Register of British and Foreign Shipping.									
Builder's Signature										" "										" "									
Correspondence										State dates and initials of letters respecting this case										Reference should be made in any correspondence connected with the case									
M. 2.3.11										8.341										" "									
Workmanship										Are the butts of plating planed or otherwise fitted?										Lapped and 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?									
from the facing surfaces?										Yes										Are the rivet holes well and sufficiently countersunk in the plate and punched									
Are the butts of Plating, Stringers, &c., properly shifted and strapped?										Yes										Do any rivets break into or through the seams or butts of the plating?									
Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)?										Yes										State results of tests									
Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)?										Yes										State results of tests									
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									
The Builders No 840 - ss Annam Maru is a sister vessel, now completing										" "										" "									
The Surveyor should state the Number of Report and Name of any Sister Vessel.										" "										" "									
The amount of Entry Fee										5 : 0 : 0										Fees applied for,									
Special Survey Fee										93 : 4 : 0										Received by me,									
Travelling Expenses, if any										" "										" "									
State whether the Vessel has been built under Special Survey										Yes										" "									
I am of opinion this Vessel should be Classed										100 A.1. Steel Longitudinal Framing										" "									
With, or without Freeboard, as condition of Class										Without										" "									
Committee's Minute										FRI. OCT. 27. 1911										" "									
Character assigned										10001										" "									
Lloyd's 226.0										" "										" "									
+ Lmb 10.11										" "										" "									
Y. 8.										" "										" "									

PARTICULARS OF LONGITUDINAL FRAMING.

GEN.

FRAMING.		AMIDSHIPS.			ENDS.			AMIDSHIPS.			ENDS.			RIVETING.						
		In Ship.			In Ship.			Per Rule or as approved.			Per Rule or as approved.			Rivets in Longitudinal Frames.	Spacing of Rivets on each side of Transverses and Bulkheads.	Rivets in Brackets to Bulkheads.				
		In.	Ins.	Ins.	In.	Ins.	Ins.	In.	Ins.	Ins.	In.	Ins.	Ins.	In.	Ins.	Number.	Diameter.			
Framing of \pm , \angle or \square																				
Frames in Bridge 'tween Decks 2		6	3 $\frac{1}{2}$	40	6	3 $\frac{1}{2}$	36	6	3 $\frac{1}{2}$	40	6	3 $\frac{1}{2}$	36	7/8	5 $\frac{1}{4}$	5	3/4			
Frames from Uppermost Continuous Deck No. 1		6	3 $\frac{1}{2}$	40	6	3 $\frac{1}{2}$	36	6	3 $\frac{1}{2}$	40	6	3 $\frac{1}{2}$	36	7/8	5 $\frac{1}{4}$	5	3/4			
" 2		6	3 $\frac{1}{2}$	40	6	3 $\frac{1}{2}$	36	6	3 $\frac{1}{2}$	40	6	3 $\frac{1}{2}$	36	7/8	5 $\frac{1}{4}$	5	3/4			
" 3		7	3 $\frac{1}{2}$	40	7	3 $\frac{1}{2}$	36	7	3 $\frac{1}{2}$	40	7	3 $\frac{1}{2}$	36	7/8	5 $\frac{1}{4}$	6	7/8			
" 4		7 $\frac{1}{2}$	3 $\frac{1}{2}$	44	7 $\frac{1}{2}$	3 $\frac{1}{2}$	40	7 $\frac{1}{2}$	3 $\frac{1}{2}$	44	7 $\frac{1}{2}$	3 $\frac{1}{2}$	40	7/8	5 $\frac{1}{4}$	6	7/8			
" 5		8 $\frac{1}{2}$	3 $\frac{1}{2}$	44	8 $\frac{1}{2}$	3 $\frac{1}{2}$	40	8 $\frac{1}{2}$	3 $\frac{1}{2}$	44	8 $\frac{1}{2}$	3 $\frac{1}{2}$	40	7/8	5 $\frac{1}{4}$	7	7/8			
" 6		9	3 $\frac{1}{2}$	44	9	3 $\frac{1}{2}$	44	9	3 $\frac{1}{2}$	44	8 $\frac{1}{2}$	3 $\frac{1}{2}$	44	7/8	5 $\frac{1}{4}$	7	7/8			
" 7		9	3 $\frac{1}{2}$	50	9	3 $\frac{1}{2}$	46	9	3 $\frac{1}{2}$	50	9	3 $\frac{1}{2}$	46	7/8	4 $\frac{3}{8}$	8	7/8			
" 8		9 $\frac{1}{2}$	3 $\frac{1}{2}$	58	9 $\frac{1}{2}$	3 $\frac{1}{2}$	52	9 $\frac{1}{2}$	3 $\frac{1}{2}$	56	9 $\frac{1}{2}$	3 $\frac{1}{2}$	52	7/8	4 $\frac{3}{8}$	8	7/8			
" 9		7	3 $\frac{1}{2}$	40	9 $\frac{1}{2}$	3 $\frac{1}{2}$	56	7	3 $\frac{1}{2}$	40	9 $\frac{1}{2}$	3 $\frac{1}{2}$	56	7/8	5 $\frac{1}{4}$	6	7/8			
" 10		7	3 $\frac{1}{2}$	40	9 $\frac{1}{2}$	3 $\frac{1}{2}$	56	7	3 $\frac{1}{2}$	40	9 $\frac{1}{2}$	3 $\frac{1}{2}$	56	7/8	5 $\frac{1}{4}$	6	7/8			
" 11																				
" 12																				
" 13																				
" 14																				
" 15																				
" 16																				
Spacing of Longitudinal Frames		Amidships			30			30												
		At Ends			24			24												
Double Bottoms		Tank Top Longitudinals			7			3			40			3/4		4 1/2				
" "		Bottom			7 $\frac{1}{2}$			3 $\frac{1}{2}$			40			7/8		5 1/4				
Spacing of Longitudinals		Amidships			30			30												
		At Ends			24-21			24-21												
Transverses.														Rivets in Lugs to Shell		Diam. Speng				
In Bridge		Depth and Thickness			14			38			14			38						
" 'tween Decks		Face Angles \angle			7			3 $\frac{1}{2}$			48			7			3 $\frac{1}{2}$			
		Lugs to Shell*			3 $\frac{1}{2}$			3 $\frac{1}{2}$			38			3 $\frac{1}{2}$			38			
In Awning, Shelter or Upper 'tween Decks.		Depth and Thickness			16			38			16			38			7/8		4 3/8	
		Face Angles \angle			8			3 $\frac{1}{2}$			64			8			3 $\frac{1}{2}$			
		Lugs to Shell*			3 $\frac{1}{2}$			3 $\frac{1}{2}$			38			3 $\frac{1}{2}$			38			
In Hold.		Depth and Thickness			23			44			23			44			7/8		4 3/8	
		Face Angles \angle			9			3 $\frac{1}{2}$			58			9			3 $\frac{1}{2}$			
		Lugs to Shell*			5			5			44			5			5			
		Brackets																		
Spacing of Transverse Frames		13 ft 6 in - 10 ft 8 in in peak.																		
* State if joggled or liners.																				
Longitudinal Beams of \pm , \angle or \square		Bridge Deck ...			6			3			36			5 1/2			3			
		Awg. or Shltr. Dk.			6 1/2			3			40			6 1/2			3			
		Upper			6 1/2			3			40			6 1/2			3			
		Second			7 1/2			3			40			7 1/2			3			
		Third																		

The particulars of framing in peaks (if ordinary), Floors, Centre Girder, Side Girders and Margin Plate and their angle attachments, etc., to be entered in their respective places provided for on the Report Forms.

NOTE:—This slip to be pasted on the fourth page of the Report, and reference to same to be made under framing, etc., on the first page.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 19.2 ft., R.Q.D. ft., Bridge 84.75 ft., Forecastle 32.2 ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated *not joined*

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 Sts (Steel)*

Official No. ; Signal Letters

State if Machinery is fitted aft *no*

How are the surfaces preserved from oxidation? Inside *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 Br. Long*

Where Fitted.	Length.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,	84.6	134	Fore peak tank,		
Double bottom, under Engines and Boilers,	32.6	91	After peak tank,	8	20
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	138	293.5	Other tanks, if fitted,		
	Total capacity of double bottom	518.5	(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. 4263

Date *4.5.11*

No. *839* in builder's yard.

Dates of Surveys held while building

1911
Apr. 7. 11. 18. 21. 27. 28. May. 1. 3. 5. 11. 12. 15. 22. 29. 30. Jun. 1. 6. 9. 13. 27. Jul. 6. 7. 11. 12. 13. 14. 17
19. 20. 24. 25. Aug. 2. 3. 10. 15. 23. 28. 29. 30. Sep. 1. 4. 6. 8. 10. 25. 26. 28. Oct. 5. 6. 11. 13. 16

Total No. of Visits

Surveyor's Signature

E. J. Milton

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Total No. of Visits

Register Foundation

Date of writing
No. in Su
Reg. Book.
on

Master

Engines made

Boilers made

Registered

Nom. Horse

ENGINES

Dia. of Cylind

Is the screw

in the prop

between the

liners are fit

Dia. of Tunnel

collars 12

No. of Feed

No. of Bilge

No. of Donkey

In Engine R

No. of Bilge In

Are all the bilg

Are all connect

Are they fixed

Are they each f

What pipes ar

Are all Pipes,

Are the Bilge

Dates of exam

Is the Screw S

BOILERS,

Total Heating

Working Pre

Can each boiler

each boiler 2

Smallest distanc

Thickness 1/3

long. seams \angle

Per centages of

Size of compensa

Length of plain

Working pressur

Pitch of stays to

Material of stay

Material *steel*

Diameter at sm

Thickness 1

Diameter of tube

Pitch across

thickness of giro

Working pressur

separately \checkmark

holes \checkmark Pi

If stiffened with r

Working pressur