

3 Decks.

## IRON OR STEEL STEAMER.

Received at London Office.

OCT 1908

Date of completion of report 2nd October 1908 State of Report is also sent on the Machinery of the Vessel Yf8  
Survey held at Walker Newcastle Port of Newcastle-on-Tyne No. 55487  
On the S.S. Japs Maru Date, First Survey 3rd October 1907 Last Survey 12 October 1908  
Rig Schooner

TONNAGE under  
Tonnage Deck... 4662.58  
Do. between Tonnage Dk. and 3rd and 4th Dk.  
Total under Upper Dk. 226.00  
Do. of Poop 69.04  
Do. of Bridge House 61.02  
Do. of Forecastle 13.09  
Do. of Houses on Dk. 15.88  
Do. of excess of Hatchways 87.35  
Do. above Crown of Engine Room...  
Gross Tonnage 5134.76  
Less Crew Space 141.42  
Less above Crown of Engine Room...  
TONNAGE FOR FEES... 4905.99  
Less Engine Room 1643.12  
Less Navigation Spaces 200.84  
Register Tonnage as cut on Beam... 3149.35

THREE DECKED VESSEL.

CLASS 100-A-1

FEET.

Half Breadth (moulded) 25.12  
Depth from upper part of Keel to top of Upper Deck Beams (with the normal round up of beam) 32.83  
Girth of Half Midship Frame (as per Rule) 54.58  
deduct 7 feet... 7.00  
1st Number 105.53  
Length on deck from after part of stem to fore part of stern post 383.08  
2nd Number 404.26  
Proportions—Breadth to Length 7.63  
Depth to Length—Upper Deck to top of Keel 11.65  
Main Deck ditto 15.17

Master

J. A. Brown

Year of appointment

(1) As Master in service of owner of present vessel—19  
(2) As Master of this vessel—19

Built at

Walker Newcastle

When built

1908 Launched 12 August 1908

By whom built

Sir G. G. Armstrong Whitworth & Co.

Owners

Japs Maru Tank Steamship Co.

Managers

W. T. Bowring & Co. Ltd.

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

Residence 20 Castle St. Liverpool

Port belonging to

Tokio & LiverpoolDestined Voyage Philadelp'ia If Surveyed while Building Afloat, or in Dry Dock Yes

LENGTH on Deck as per Rule... 383 Feet. 1 Inches. BREADTH—Moulded... 50 Feet. 3 Inches. DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams 30 Feet. 2 Inches. No. of Decks with flat laid Two. No. of Tiers of Beams Two & 1/2 frames. Round of Upper Dk. Beam, Actual 12 ins.

Dimensions of Ship per Register, Length 385 breadth 50.5 depth 30.2 Moulded depth, ft. 31 ins. 10 To Upper Dk.

FRAMING.						FORGINGS or CASTINGS.					
	Inches in Ship.	Inches in Ship.	20ths in Ship.	Inches per Rule Or as App'ed.	Inches per Rule Or as App'ed.		Inches in Ship.	Inches in Ship.	20ths in Ship.	Inches per Rule Or as App'ed.	Inches per Rule Or as App'ed.
FRAME, Angles, or L or E or L Bars for 1/2 length amidships	7 1/2	3 1/2	13	7 1/2	3 1/2	13	KEEL, Bar or Side Plates, depth and thickness	11 1/2 x 3 1/2	11 1/2	3 1/2	11 1/2 x 3 1/2
Do. for 1/2 at each end	7 1/2	3 1/2	12	7 1/2	3 1/2	12	STEM, moulding and thickness	11 1/2 x 7 1/2	11 1/2	7 1/2	11 1/2 x 7 1/2
Do. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	10.9	3 1/2	3 1/2	10.9	STERN POST for Rudder do. do.	11 1/2 x 7 1/2	11 1/2	7 1/2	11 1/2 x 7 1/2
Under Bottoms at intermdt. Bkts.	25			25			for Propeller	11 1/2 x 7 1/2	11 1/2	7 1/2	11 1/2 x 7 1/2
Spacing of Frames from centre to centre	4	4	10	4	4	10	MAIN PIECE of Rudder, diameter at head	10			10
REVERSED FRAME, Angles	7 1/2			7 1/2			do. at heel	7 1/2			7 1/2
DEEP FRAMING, depth of girder	32			32			RUDDER, how constructed	Single plate			Yes
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships	32			32			Can the Rudder be unshipped afloat?	Yes			
in way of Engines and Boilers											
thickness at the ends of vessel	6 1/2			6 1/2			KEELSONS & STRINGERS.	Inches in Ship.	Inches in Ship.	20ths in Ship.	Inches per Rule Or as App'ed.
depth at 1/2 the half breadth, as per Rule	6 1/2			6 1/2			CENTRE LINE KEELSON, Vertical Plate above 400s, Through Plate, or Intercoastal Plate	Centre line Bulkhead			
height extended at the Bilges	6 1/2			6 1/2			Rider Plate	Bottom plate 7 1/2 x 12			
FLOORS & BRACKETS in Cell Dble Bottoms	10			10			Bulb Plate to Intercoastal Keelson				
Under Bottoms	25			25			Horizontal Plates on Floors	6 1/2 x 1 1/2	10.9	6 1/2	4 1/2
state if flanged (top & bottom)	10			10			Angles	6 1/2 x 1 1/2	10.9	6 1/2	4 1/2
Spacing	14			14			SIDE KEELSON, Angles	6 1/2 x 1 1/2	10.9	6 1/2	4 1/2
CENTRE GIRDER, in Double bottom, depth and thickness	4	4	12	4	4	12	Bulb or Plate above floors, for full length	19	14	19	14
Angles, Top	6 1/2	4 1/2	10.9	6 1/2	4 1/2	10.9	Intercoastal Plate, for 1/2 length	3 1/2	3 1/2	10	3 1/2
Bottom	6 1/2	4 1/2	10.9	6 1/2	4 1/2	10.9	Attached to outside Plating with Angle	3 1/2	3 1/2	10	3 1/2
Side GIRDERS, number on each side & thickness	1			1			BILGE KEELSON, Angles	6 1/2 x 1 1/2	10.9	6 1/2	4 1/2
state if flanged (top and bottom)	10			10			Bulb or Plate above floors, for full length	19	14	19	14
Angles	3 1/2	3 1/2	11	3 1/2	3 1/2	11	Intercoastal Plate for 1/2 length	3 1/2	3 1/2	10	3 1/2
MARGIN PLATE, depth (exclusive of flange) and thickness	3 1/2			3 1/2			Attached to outside Plating with Angle	3 1/2	3 1/2	10	3 1/2
Angles to Outside Plating	4	4	10	4	4	10	BILGE STRINGER Angles				
Floors	3 1/2	3 1/2	12	3 1/2	3 1/2	11	Bulb Plate for				
Height of Floors at the Bilges	6 1/2			6 1/2			Intercoastal Plate for				
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	4 1/2			4 1/2			Attached to outside Plating with Angle				
in Engine and Boiler space	15			15			3 SIDE STRINGER Angles	6 1/2 x 1 1/2	14.13	6 1/2	4 1/2
Remainder in Holds	15			15			Bulb or Intercoastal Plate, for full length	22	10.9	22	10.9
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	7	3	8	7	3	8	Attached to outside plating with Angle	3 1/2	3 1/2	10.9	3 1/2
Angles on upper edge	7 1/2	3	9	7 1/2	3	9	Upper Deck Stringer Plates, br'dth & thickness	7 1/2	13	7 1/2	13
Spacing	25			25			Angle on ditto	8 x 5	11.10	5 x 5	11.10
BEAMS, Middle Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	6 1/2	3	9	6 1/2	3	9	Tie Plates, outside Hatchways				
Angles on upper edge	8	3 1/2	11	8	3 1/2	11	Deck * Iron or Steel, for full length	12	10.7		10.7
Spacing	25			25			Wood Deck, Material & thickness				
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb							Middle Deck Stringer Plate, br'dth & thickness	60	11	60	11
Angles on upper edge							Angles on ditto, No.	5 x 5	10	5 x 5	10
Spacing							Tie Plates outside Hatchways				
BEAMS, Hold, or Orlop, Plate or Tee Bulb							Diagonal Tie Plates, No. of pairs				
Angles on upper edge							Deck * Iron or Steel, for full length	8.6		8.6	
Spacing							Wood Deck, Material & thickness				
BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb	6	3	8	6	3	8	Lower Deck Stringer Plate, br'dth & thickness				
Angles on upper edge							Angles on ditto, No.				
Spacing	25			25			Tie Plates, outside Hatchways				
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate or Tee Bulb	8	3	10	8	3	10	Deck * Material and thickness				
Angles on upper edge							Hold, or Orlop Stringer Plate, br'dth & thck'n's				
Spacing	50			50			Angles on ditto, No.				
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	9	3 1/2	13	9	3 1/2	13	Tie Plates outside Hatchways				
Angles on upper edge							Deck * Material and thickness				
Spacing	50			50			Poop Deck Stringer Plate, breadth & thickness	38	8	38	8
PILLARS, In 'tween Deck, size and spacing							Angle on ditto	4 x 4	9	4 x 4	9
Hold Double Channels	4	3 1/2	10	4	3 1/2	10	Tie Plates				
Quarter 'tween Dks.							Deck, Material and thickness	Iron 13 P.Pine	6/16		6/16
in Hold							Angle on ditto	5 x 4	9	4 x 4	9
WEB-FRAMES, In Fore Body, No. and spacing	23			23			Tie Plates	18	8	18	8
br'dth. & thickness	22			22			Deck, Material and thickness	P.Pine	5 x 3		
No. of Side Stringers	3	22	10.9	3	22	10.9	Forecastle Deck Stringer Plate, br'dth & th'kns	38	8	38	8
WEB-FRAMES, In E. & B. Space, No. & spacing	7			7			Angles on ditto	4 x 4	8	4 x 4	8
br'dth. & thickness	22			22			Tie Plates				
WEB-FRAMES, In After Body, No. and spacing							Deck, Material and thickness	8 P.Pine	5 x 3		
br'dth. & thickness							Are the outside Plates doubled two spaces of Frames in length?				
No. of Side Stringers							Are the Sluice Valves and Watertight Doors in efficient working order?				
Size of Angles or Tee Bars to Web-Frames	6 1/2	4 1/2	14	6 1/2	4 1/2	14					
BRACKET PLATES to Stringers between Web Frames, depth and thickness											



**PLATING.**

AS IN SHIP.

PER RULE OR AS APPROVED.

EDGES, Ordinary or jogged?

RIVETING.

BUTTS.

IF LAPPED.

STRAKES.

AMIDSHIP.

FORWARD.

AFT.

DOUBLE OF FLAT PLATE KEEL.

Length of Bilges.

Length of Sheerstrakes.

Length 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.?

Has the Steel been tested as required by the Rules?

FRAMES extend in one length from ... to ...

REVERSED FRAMES on floors and frames extend from ... to ...

**MASTS, SPARS, &c.**

DIAMETER AND THICKNESS.

ANGLER.

RIVETING.

LOWER MASTS.

Bowsprit.

Topmasts, Yards and Remainder of Spars.

Rigging, Material and Size.

Sails.

**EQUIPMENT NO. 43198 LETTER 10.**

**ANCHORS.**

**CHAIN CABLES.**

**HAWSERS AND WARPS.**

**Boats.**

**Pumps.**

**Windlass.**

**Engine Room Skylights.**

**Coal Bunker Openings.**

**Number of Scuppers.**

**Cargo Hatchways.**

**State size No. 1 Hatch (Forward).**

**Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch.**

**Bulwarks.**

**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 the case).

M. 2.8.07 11.10.07 30.11.07

**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? *Yes*

Are the rivet holes well and sufficiently countersunk in the plate and punched from the facing surfaces? *Yes*

Do any rivets break into or through the seams or butts of the 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 letter quoted above. The workmanship and materials are good throughout. The Oil compartments and Oil fuel bunkers and Cofferdam spaces have been tested as required by Rule and proved satisfactory. The Kedge anchor is 14 lbs. lighter than required by Table 22 but as the other anchors are slightly in excess of Rule weight, this anchor is submitted for acceptance. The Midship Section, Profile & Pumping plans of S.S. Oberon have 54026, and Profile plan of this vessel are forwarded herewith. The approved Midship Section plan of this vessel was forwarded on 18th ult.*

*S.S. Oberon* Yard No. 801. True Report: 54026 is 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 98 ft., R.Q.D. or Break, ft., Bridge Dk. 25 ft., F'castle 42.2 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 Pls (Stc) and 1st beam*

Official No. ; Signal Letters. State if Machinery is fitted aft *Yes*

How are the surfaces preserved from oxidation? Inside *Portland cement in 20s. bladders only* Outside *Paint*

**PARTICULARS OF WATER BALLAST.**—State whether the Double bottom is constructed on the cellular system or with girders on floors

Where Fitted. \*Length. Water Capacity. Where Fitted. \*Length. Water Capacity.

Double bottom, aft. Feet. Tons. Fore peak tank. 20.75 47

Double bottom, under Engines and Boilers. 12.5 21

Double bottom, if under Engines only. 37.5 46

Double bottom, if under Boilers only. 43.75 408

Double bottom, forward. Total capacity of double bottom 76

\* 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. 3955

Date 22-6-07

No. 806 in builder's yard.

The amount of Entry Fee £ 5 : 0 : 0

Special Survey Fee £ 147 : 13 : 0

Travelling Expenses, if any £ : : :

Fees applied for, 19

Received by me, 2nd Oct 1907

State whether the Vessel has been built under Special Survey, *Yes*

I am of opinion this Vessel should be Classed *100 A-1 Carrying Petroleum in Bulk*

With, or without Freeboard, as condition of Class *Without*

Committee's Minute *100 A-1*

Character assigned *Carrying petroleum in bulk*

*Lloyd's at 10.08*

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