

With ~~or Without~~
Disconnected Erections.

STEEL STEAMER.

Received at London Office WED. SEP. 24. 1913

Date of completion of report
Survey held at

20th Sept. 1912

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

Port of *Glasgow*

Date First Survey *9th Oct. 1912*

Last Survey *13th September*

No. *16538*

1913

On the (State if Single, Twin, or Triple Screw)

Single Screw Steamer **TOKUSHIMA MARU**

Rig *Schooner*

TONNAGE under

Tonnage Deck...

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

CLASS *100 A1*

FERT.

Breadth (greatest moulded) *55.68*

Depth, at middle of length from top of keel to top of upper deck beams at side *31.31*

Transverse Number *86.99*

Length on deck from fore part of stem to after part of stern post *422.50*

Longitudinal Number *36753.27*

Depth "d," at middle of length (See Secs. 2 & 13) *19.18*

Proportions—Depths to Length—Upper Deck Beam at side to top of keel *13.49*

" " Long Bridge Deck Beam at side to top of keel *10.81*

Master *E. bombes*

Year of appointment

(1) As Master in service of owner of present vessel:—*1908*
(2) As Master of this vessel:—*1913*

Built at *Port Glasgow*

When built *1913* Launched *31st July 1913*

By whom built *Russell & Co.*

Owners *Nippon Yusen Kabushiki Kaisha*

Managers

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

Residence *Tokio*

Port belonging to *Tokio*

Register Tonnage as cut on Beam

3790.45

Destined Voyage *Japan*

Surveyed while Building, *Afloat, or in Dry Dock*

as cut on Beam		Feet.		Inches.		BREADTH—		Feet.		Inches.		DEPTH, ACTUAL—		Top of Floors to top of Upper Dk. Beams		28		9 3/4		No. of Decks with flat laid		2	
LENGTH on Deck		422		6		Moulded		55		8 1/4		Do.		do.		do.		do.		Second Dk. Beams		20	
Rule																							

EQUIPMENT No.	No.	LETTER	ANCHORS.	Tonnage U.K. or FOR TRAWLERS.
Number of Certificate	Anchors	WEIGHT, EX STOCK Cwts. qrs. lbs.	WEIGHT OF STOCK Cwts. qrs. lbs.	TEST PER CERTIFICATE Tons. cwt. qrs. lbs.
18333	1st Bower	68 1 14	Supplied for	52 18 3
18361	2nd "	68 1 14	C 8 head	48 10 0
18366	3rd "	60 1 0		58 2 0
	4th "	194 0 0		194 2 0
40729	Stream	19 0 7	4 3 21	19 17 2
40728	Kedge	8 0 0	2 0 7	10 2 2

CHAIN CABLES.	HAWSERS AND WARPS.										
Number of Certificate	Length and size supplied	Test per Certificate	Weight of Chain Cable	Length and Size per Table 31	Description	Makers of Cables	Where and when tested, and Superintended	Material	Length and Size supplied	Breaking Test of Steel Wire Towline	Length and Size per Table 31
47034	270 2 5/16	134 3/4	731.0 15	70.3 3.4	270 2 5/16	Stud link bar of Dudley's Patent	Fitted 7/13 L. Haffner	TOWLINE	180 5 1/4	65	120 5 1/4
	90 Cir 5	59			90 Cir 5	S.S.W. Webster & Co Ltd	30/6/13	HAWSEARS & WARPS	180 2 3/4	15 1/2	180 2 3/4

Boats 2 life and 2 others

Pumps Number as per approved plan

Windlass by Emerson Walker

Engine Room/Skylights—How constructed? of steel plates and angles

Coal Bunker Openings—How constructed? of steel plates and angles

Number of Scuppers, and numbers and dimensions of **Freeing Ports, &c.** 5 scuppers and freeing ports on each side

Ceiling in Holds, thickness and material 2 1/2 W.P.

Cargo Hatchways—How formed? of steel plates and angles

State size No. 1 Hatch (Forward) 24-8 x 18 **No. 2 Hatch** 30 x 18 **No. 3 Hatch** 12 x 16 (bridge deck) **No. 4 Hatch** 33 x 18 nos 24 x 18

Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch 2 web plates in nos 1 & 2, 4 in nos 3 One in no 3 5 in 4

Bulwarks, height above deck and description 4-3 of steel plate

The foregoing is a correct description.

Builder's Signature (Here only) For Russell & Co. S.F.

Surveyor's Signature J. Bennett

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

Correspondence—State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case)

18/4/12 M, 17/6/12 M, 12/10/12 M, 4/11/12 M, 20/11/12 M, 17/6/13 M

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

Is the riveted work properly closed? yes

Are the liners between the frames and plates solid single pieces? yes where fitted

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 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. 26, par. 20)? yes

State results of tests satisfactory

Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? yes

State results of tests satisfactory

General Remarks (State quality of workmanship, &c.) The workmanship is good and the vessel has been built in accordance with the Rules and to the approved plans (10 in no), which together with the Forgings Reports are attached hereto.

Vessel stated to have been in collision with SS Curiana when entering Prince's Dock Glasgow, repaired as follows: The second plate from stem in strike below sheerstrake on port-side renewed, and one frame failed in place, cement in chocho at mid-deck fore renewed.

Plans Midship Section, Longitudinal Plan, Amended arrangement of WT Bldgs &c, Pillar Plan, Hatch webs, Steffening in after Peak, Reduction of Plating at Fore end, Cast Steel Stern frame Rudder Pumping Arrangements.

Sister vessel to SS Valenta 16377, Ben of Airie 16391 and Berdala 16426, but with Rule number of WT Bldgs and without deep tanks would state the Number of Report and Name of any Sister Vessel.

The amount of Entry Fee £ 5 : 0 : 0 Fees applied for, 19.9.1913

Special Survey Fee £ 167 : 8 : 0 Received by me, J.B.

Travelling Expenses, if any £ : Travelling Expenses, if any £ 22.9.1913

State whether the Vessel has been built under Special Survey yes

I am of opinion this Vessel should be Classed * 100A1

With or without Freeboard, as condition of Class

Committee's Minute GLASGOW 23 SEP. 1913

Character assigned + 100A1

9.13

Lloyds Assoc

+ L.M.C. 9, 13

J.D.

Greenock Date of issue 25/9/13

J. Bennett

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

GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 38 ft., R.Q.R. ft., Bridge 123 ft., Forecastle 47.2 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) 2 Bks (Ht)

Official No. ✓ ; Signal Letters ✓

How are the surfaces preserved from oxidation? Inside by Portland cement and paint Outside by paint State if Machinery is fitted aft amidships

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,	138	429	Fore peak tank,		
Double bottom, under Engines and Boilers,			After peak tank,		32
Double bottom, if under Engines only,	24	109	Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	186	705	Other tanks, if fitted,		
	Total capacity of double bottom	1243	(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. 2709

Date 1-6-12

No. 648 in builder's yard.

DAYS of Surveys held while building

Oct. 9, 14, 25, 30, Nov. 1, 11, 22, 27, 29, Dec. 10, 12, 17 - 1912.
Jan. 13, 15, 16, 21, 28, 29, 31, Feb. 3, 4, 7, 10, 11, 21, 26, 28, Mar. 12, 13, 14, 27, 31 - Apr. 9, 14, 16, 17, 28, 29.
May. 1, 6, 21, 22, 27, June. 5, 6, 10, 17, 20, 24, 25, 27, 30, - July 2, 17, 18, 21, 23, 24, 25, 28, 29, 30.
Aug. 8, 15, 20, 22, 27, Sept. 3, 5, 11, 13. - 1913.

Total No. of Visits 71.

Surveyor's Signature

J. Bennett

Lloyd's Register Foundation