

With ~~or Without~~
Disconnected Erections.

STEEL STEAMER.

Received at London Office 12 SEP. 1921

State if Report is also sent on the Machinery of the Vessel *Yes*
Date of completion of report *June 26th 1921* Port of *Kobe* No. *3225*
Survey held at *Ok. Harima* Date, First Survey *Nov. 24th 1920* Last Survey *7th June 1921*

On the (State if Single, Twin, or Triple Screw) *Single Screw Steamer* "TACHIBANA MARU" Rig *2 masts*

TONNAGE under Tonnage Deck... <i>5678.84</i>	CLASS <i>+100 Al. carrying Petroleum in Bulk</i>	Master <i>Tanno</i>
Do. between Tonnage Dk. and 3rd and 4th Dk. <i>5678.84</i>	Breadth (greatest moulded) <i>54.0</i>	Year of appointment <i>Ok. Harima</i>
Total under Upper Dk. <i>32'3"</i>	Depth, at middle of length from top of keel to top of upper deck beams at side <i>33.0</i>	Built at <i>Ok. Harima</i>
Do. of Poop <i>154.30</i>	Transverse Number <i>87.0</i>	When built <i>1921</i> Launched <i>April 4th 1921</i>
Do. of Bridge House <i>30.90</i>	Length on deck from fore part of stem to after part of stern post <i>420.0</i>	By whom built <i>Kobe Steel Works</i>
Do. of Forecastle <i>203.87</i>	Longitudinal Number <i>36540.0</i>	Owners <i>Teikoku Kaisha</i>
Do. of Houses on Dk. <i>131.55</i>	Depth "d" at middle of length (See Secs. 2 & 13) <i>12.73</i>	Managers <i>Ok. Harima TOKUYAMA</i>
Do. of excess of Hatchways <i>6543.43</i>	Proportions—Depths to Length—Upper Deck Beam at side to top of keel <i>12.73</i>	Residence <i>Ok. Harima</i>
Do. above Crown of Engine Room <i>415.10</i>	Long Bridge Deck Beam at side to top of keel <i>12.73</i>	Port belonging to <i>Ok. Harima TOKUYAMA</i>
Gross Tonnage <i>1442.21</i>	Destined Voyage <i>Europe</i>	If Surveyed while Building, Afloat, or in Dry Dock <i>Building</i>
Less Crew Space <i>73.06</i>		
Less above Crown of Engine Room <i>7.84</i>		
TONNAGE FOR FEES... <i>4605.22</i>		
Less Engine Room <i>1442.21</i>		
Less Navigation Spaces <i>73.06</i>		
BALL TANKS <i>7.84</i>		
Register Tonnage as cut on Beam <i>4605.22</i>		

LENGTH on Deck as per Rule	Feet. 420	Inches. 0	BREADTH Moulded	Feet. 54	Inches. 00	DEPTH, ACTUAL	Feet. 32	Inches. 11 1/2	No. of Decks with flat laid	Feet. 32	Inches. 11 1/2	No. of Tiers of Beams
						Top of Floors to top of Upper Dk. Beams						
						Second Dk. Beams						
						Moulded depth, ft. 41						
						ins. 0						
						To Bridge Dk. Round of Upper						
						ins. 0						
						To Upper Dk. Dk. Beam, Actual						
						ins. 0						

FRAMING.				PILLARS.			
NAME, Angles, or 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
in peaks				" Hold			
in way of Double Bottoms at Solid Floors				" Quarter 'tween Dks.,			
" at intermdt. Bkts.				" in Hold			
ing of Frames from centre to centre amidships				KEELSONS & STRINGERS.			
" length to Collision bulkhead				CENTRE LINE KEELSON, Vertical Plate above			
" in peaks				floors, Through Plate, or Intercostal Plate			
VERSEO FRAME, Angles				" Rider Plate			
o. in way of Double Bottoms at Solid Floors				" Flat Plate Keel Angles			
" at intermdt. Bkts.				" Horizontal Plates on Floors			
MING, depth of girder				" Angles or Bulb Angles			
ORS, depth and thickness of Floor Plate				SIDE KEELSONS, Number			
at mid-line for 1/2 length amidships				" Angles or Bulb Angles			
in way of Engine and Boiler Spaces				" Plate above floors, for			
thickness at the ends of vessel				" Intercostal Plate, for			
depth at 1/2 the half breadth, as per Rule				" Attached to outside Plating with Angle			
height extended at the Bilges				BILGE KEELSON, Angles			
ORS in Cell. Double Bottoms				" Intercostal Plate for			
state if flanged (top & bottom)				" Attached to outside Plating with Angle			
Spacing of Solid floors				SIDE STRINGERS, Number			
IRE GIRDER, in Dbl. bottom, dpth. & thickness				" Angle			
" Angles, Top				" Intercostal Plate, for			
" Bottom				" Attached to outside plating with Angle			
" to Floors				Upper Deck Stringer Plate, br'dth & thickness			
Brackets at intermdt. frmg., wdth & thkns				(clear of Bridge)			
GIRDERS, number on each side & thickness				br'dth & thickness			
state if flanged (top and bottom)				(in way of Bridge)			
" Angles (top and bottom)				" Angle (clear of Bridge)			
" to Floors				" Tie Plate at sides of Hatchways			
GIN PLATE, depth (exclusive of flange)				" Deck * Iron or Steel, for			
and thickness				" Thickness (clear of Bridge)			
" Angle to Outside Plating				" (in way of Bridge)			
" Floors				" Wood Deck. Material & thickness			
Brackets at intermdt. frmg., wdth & thkns				Second Deck Stringer Plate, br'dth & thickness			
Height of Outside Brackets above at bilge				" Angles on ditto, No.			
B BOTTOM PLATING, breadth and thickness of Middle Line Strake				" Tie Plates outside Hatchways			
" in Engine and Boiler space				" Deck * Material and thickness			
" Remainder in Holds				Fourth and Fifth Deck Stringer Plate, breadth & thickness			
IS, Upper Deck, Single Angle, Bulb				" Angles on ditto, No.			
Angle, Plate, Tee Bulb, or Channel				" Tie Plates outside Hatchways			
In way of Long Bridge				" Deck. Material & thickness			
Spacing				Poop Deck Stringer Plate, breadth & thickness			
IS, Second Deck, Single Angle, Bulb				" Angle on ditto			
Angle, Plate, Tee Bulb, or Channel				" Tie Plates			
Spacing				" Deck. Material and thickness			
IS, Third and Fourth Deck, Single Angle,				Bridge Deck Stringer Plate, br'dth & thickness			
Bulb Angle, Plate, Tee Bulb, or Channel				" Angle on ditto			
Angles on upper edge				" Tie Plates			
Spacing				" Deck. Material and thickness			
MS, Poop Deck, Angle, Bulb Angle, Plate,				Forecastle Deck Stringer Plate, br'dth & th'kns			
Tee Bulb, or Channel				" Angle on ditto			
Angles on upper edge				" Tie Plates			
Spacing				" Deck. Material and thickness			
MS, Bridge Deck, Angle, Bulb Angle, Plate,							
Tee Bulb, or Channel							
Angles on upper edge							
Spacing							
AMS, Forecastle Deck, Angle, Bulb Angle,							
Plate, Tee Bulb, or Channel							
Angles on upper edge							
Spacing							

GENERAL REMARKS—(continued).

BULK HEADS
CR. LINE BULK HEAD

PLATING	No.	LONGITUDINALS	RIVETS IN LONG. RR. Dia. Spacing	SPACING OF RIVETS EACH SIDE OF TRANSVERSES + BARS.	RIVETS IN BKTS. TO BULK HEADS Number	Transverse webs 9'-0" apart 34" x 40" with 7 x 3 x 40 face angle below tank 8" Above tank 8" 29 1/2" - 23 1/2" x 42" flanged 5"
38-60	1	8 x 3 x 38 BA	7/8" 5 1/2"	5 1/2"	7	
	2	8 x 3 x 38	"	"	10	
	3	8 x 3 x 38	"	"	"	
	4	8 x 3 x 44	"	"	"	
	5	9 x 3 1/2 x 40	"	3 5/8" for 9 rivets	"	
	6	9 x 3 1/2 x 40	"	"	"	
	7	9 x 3 1/2 x 46	"	"	"	
	8	10 x 3 1/2 x 46	"	3 1/2" for 9 rivets	"	
	9	10 x 3 1/2 x 46	"	"	"	
	10	10 x 3 1/2 x 52	"	"	"	
	11	10 x 3 1/2 x 56	"	"	"	

Longitudinals spaced 30" apart except Nos 1 & 2 which are 36" apart

Oil Fuel Bulkheads

Plating	No.	Longitudinals	Spacing	Riveting of Longs.	Transverse webs.
36-50	1	8 x 3 x 38 BA	36"	5 1/4"	2 each side of
	2	8 x 3 x 38	"	"	lt. line 36 x 40
	3	8 x 3 x 38	"	"	With 6 x 3 x 46 BA
	4	8 x 3 x 44	30"	"	face angle
	5	8 x 3 x 46	"	"	
	6	9 x 3 1/2 x 42	"	4 3/8"	
	7	9 x 3 1/2 x 46	"	"	
	8	10 x 3 1/2 x 46	"	"	
	9	10 x 3 1/2 x 46	"	"	

7 x 3 x 46 BA. Longitudinals spaced 36" apart to Expansion tank - plating 44" wet plating 38" - 24" x 42" flanged 5" Bottom angle 6 x 6 x 50 top angle 6 x 6 x 7 1/2

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 116.5 ft., R.Q.D. ✓ ft., Bridge 36.0 ft., Forecastle 34.5 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 decks steel - Longitudinal framing
Official No. 27806 ; Signal Letters S.H.D.F. State if Machinery is fitted aft yes
How are the surfaces preserved from oxidation? Inside Paint clear of oil fuel tanks Outside paint after peak and feed tanks Cement.

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors.				Cellular system under engines + Boilers	
Where Fitted.	Length. Feet.	FRESH W. Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,	20'	116.34
Double bottom, under Engines and Boilers, RESERVE TANK	16	58.34	After peak tank,	18	26.36
Double bottom, if under Engines only, F.W.	38	97.	Deep tank, aft,	40.5	374.86
Double bottom, if under Boilers only, DRY TANK	27	127.	Deep tank, forward,	9.5	FW: 46
Double bottom, forward,			Other tanks, if fitted, DRINKING WATER TANK		
Total capacity of double bottom 282.34			(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. 1920
Date Nov. 24; Dec. 9, 22, 26; Jan. 6, 12, 19, 26; Feb. 2, 5, 9, 12, 16, 23, 25, 26; Mar. 3, 4, 7, 9, 12, 14, 16, 18, 23, 26, 28, 30; Apr. 1, 4, 6, 22, 25, 29; May 6, 23, 25, 27; June 1, 7.
No. 46 in builder's yard.
Dates of Surveys held while building
Total No. of Visits 40

Surveyor's Signature

Rpt. 1*.

PARTICULARS OF LONGITUDINAL FRAMING.

"TACHIBANA MARU"

KOBE STEEL WORKS No. 4

FRAMING.

Framing of $\mathbf{K, L \& E}$

Frames in Bridge 'tween Decks ...

Frames from Uppermost Continuous Deck

No. 1

Framing from Awning, Shelter or Upper Deck to Margin Plate.

Spacing of Longitudinal Frames

Amidships

At Ends

Double Bottoms

Tank Top Longitudinals

Bottom

Spacing of Longitudinals

Amidships

At Ends...

Transverses.

In Bridge

'tween Decks

Depth and Thickness

Face Angles

Lugs to Shell*

In Awning, Shelter or Upper 'tween Decks.

Depth and Thickness

Face Angles

Lugs to Shell*

In Hold.

Depth and Thickness

Face Angles

Lugs to Shell*

Brackets

Spacing of Transverse Frames

* State if joggled or liners.

AMIDSHIPS.

ENDS.

AMIDSHIPS.

ENDS.

RIVETING.

Rivets in Longitudinal Frames.

Spacing of Rivets on each side of Transverses and Bulkheads.

Rivets in Brackets to Bulkheads.

Diam. Speng.

Inches.

Number.

Diameter

Inches.

In Ship.

In Ship.

Per Rule or as approved.

Per Rule or as approved.

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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.

56.4.19.-T.

in builder's yard.

DAF held

008168-008176-0132 3/3

Total No. of Visits