

# Awning or Shelter Deck, or Pt. Awning Deck.

# STEEL STEAMER.

33478

No. 2417

TUE 9 JUL 1919

Part of KOBE JAPAN Date of completion of Report 17th June 1919 Received at London Office  
Survey held at Kobe Date, First Survey 17th Feb 1919 Last Survey 29th May 1919  
On the (State if Single, Twin, or Triple Screw) SINGLE SCREW STEEL STR. "SHANGHAI MARU." Rig Two masts.

TONNAGE under Tonnage Deck... 3612.56 CLASS +100 A.1 Awning Stk Master Mr. SATO  
Do. between Tonnage Dk. and 3rd, 4th, or Awning Dk. 3612.56 Breadth (greatest moulded) 48'-0" Year of Appointment 1919  
Total under Upper Dk. 16.48 Depth, at middle of length from top of keel to top of beams at side of uppermost Continuous Deck 30'-0" Built at Kobe  
Do. of Poop 176.95 Deduct height of 'tween deck when this does not exceed 8ft. 22'-0" When built 1919 Launched May 2nd 1919  
Do. of R. Qr. Dk. 65.70 Transverse Number 70 By whom built Kawasaki Dockyard Co Ltd  
Do. of Bridge House 120.50 Length on deck from fore part of stem to after part of sternpost 345'-0" Owners do do do  
Do. of Forecastle 32.33 Longitudinal Number 24150 Managers do do do  
Do. of Houses on Deck 79.09 Depth "d" at middle of length. See Secs. 2 & 13 18'-2" Residence Kobe  
Do. of excess of Hatchways 4103.61 Proportions, Depths to Length, Uppermost Continuous Deck at side to top of keel 11.5 Port belonging to Kobe  
Do. above Crown of Engine Room 192.23 Upper Deck at side to top of keel 16.05  
Gross Tonnage 1313.76 Destined Voyage Building  
Less Crew Space 46.94  
Less above Crown of Engine Room 27.34  
Tonnage for Fees 2523.94  
Less Engine Room 2523.94  
Less Navigation Spaces 2523.94  
Register Tonnage as cut on Beam 2523.94

LENGTH on Deck as per Rule	BREADTH Moulded	DEPTH, ACTUAL	Top of Floors to top of Awn. or Shelter Dk. Beams	Upper Deck Beams	No. of Decks with flat laid	No. of Tiers of Beams
345 0	48 0	30 0	27 19	27 19	2	2
Dimensions of Ship per Register, Length 345 breadth 48 depth 30 0 Awn. or Shelter Dk. Moulded depth, ft. 30 ins. 0 To Awning or Shelter Dk. Round up of Uppermost Dk. Beam, Actual 12 ins.						
Length 345 breadth 48 depth 22 0 Upper Deck. Moulded depth, ft. 22 ins. 0 To Upper Dk.						
FRAMING.			PILLARS.			
FRAME, in Ship	Inches in Ship	Inches in Ship	PILLARS, In 'tween Deck, size and spacing	Inches in Ship	Inches in Ship	Inches in Ship
Bars, amidships	9 1/2	3 1/2	7 1/2 x 3 1/2 x 40	16	16	16
Do. in peaks	9 1/2	3 1/2	7 1/2 x 3 1/2 x 40	15	15	15
Do. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	6 x 3 1/2 x 40	14	14	14
Spacing of Frames from centre to centre amidships	24 1/2	24 1/2	6 x 3 x 40	14	14	14
" length to collision bulkhead	24	24	6 x 6 x 70	16	16	16
of Frames from centre to centre in peaks	24	24	6 x 6 x 60	15	15	15
REVERSED FRAME, Angles	3 1/2	3 1/2	6 x 6 x 54	14	14	14
Do. in way of Double bottoms at Solid Floors	3 1/2	3 1/2				
FRAMING, depth of girder	5 1/2	5 1/2				
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships						
" in way of Engine and Boiler spaces						
" thickness at the ends of vessel						
" depth at 1/2 the half-bdth. as per Rule						
" height extended at the Bilges						
FLOORS, in Cell Double Bottoms	36	34				
" state if flanged (top and bottom)	No	No				
" spacing of Solid	24 1/2	24 1/2				
CENTRE GIRDER, in Dbl. bottom, dpth. & thcknss	40	48				
" Angles, Top	3 1/2	3 1/2				
" Bottom	4	4				
" to Floors	5	5				
" Brackets at intermdt. frmng. wdth & thkns	X	X				
IDE GIRDERS, number and thickness	One	36				
" state if flanged (top & bottom)	24	24				
" Angles	3 1/2	3 1/2				
MARGIN PLATE, depth (exclusive of flange) and thickness	45	42				
" Angles to outside plating	3 1/2	3 1/2				
" to floors	3 1/2	3 1/2				
" Brackets at intermdt. frmng. wdth & thkns	X	X				
" Height of Brackets above at bilge	22	22				
NER BOTTOM PLATING, breadth and thickness of Middle Line Strake	40	46				
" thickness in Engine and Boiler space	8 1/2	8 1/2				
" Remainder in Holds	38	34				
EAMS, Awng or Shelter Dk, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	7 1/2	3				
Spacing	24 1/2	24 1/2				
EAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	10	3 1/2				
Spacing	49	49				
EAMS, Second, Third & Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	8 1/2	3				
Angles on upper edge	8 1/2	3				
Spacing	49	49				
BEAMS, Poop Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	8 1/2	3				
Angles on upper edge	8 1/2	3				
Spacing	49	49				
BEAMS, Bridge Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	8 1/2	3				
Angles on upper edge	8 1/2	3				
Spacing	49	49				
BEAMS, Forecastle Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	8 1/2	3				
Angles on upper edge	8 1/2	3				
Spacing	49	49				
PILLARS.			KEELSONS AND STRINGERS.			
PILLARS, In 'tween Deck, size and spacing	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
7 1/2 x 3 1/2 x 40	16	16	Rider Plate			
7 x 3 1/2 x 40	15	15	Flat Keel Plate Angles			
6 x 3 1/2 x 40	14	14	Horizontal Plates on Floors			
6 x 3 x 40	14	14	Angles or Bulb Angles			
6 x 6 x 70	16	16	SIDE KEELSONS, Number			
6 x 6 x 60	15	15	Angles or Bulb Angles			
6 x 6 x 54	14	14	Plate above floors, for length			
			Intercoastal Plate, for length			
			Attached to outside plating with Angle			
			BILGE KEELSON, Angles			
			Intercoastal Plate, for length			
			Attached to outside plating with Angle			
			SIDE STRINGERS, Number			
			Angle			
			Intercoastal Plate, for length			
			Attached to outside plating with Angle			
			Awning or Shelter Deck Stringer Plates, breadth and thickness			
			Angle on ditto			
			Tie Plates, fore and aft, outside Hatchways			
			Deck, Iron or Steel, for whole lng.			
			Wood Deck, Material & thickness			
			Upper Deck Stringer Plate, breadth and thickness			
			Angles on ditto, No.			
			Tie Plates, outside Hatchways			
			Deck, Iron or Steel, for whole lng.			
			Wood Deck, Material & thickness			
			Second Deck Stringer Plates, br'dth & thcknss			
			Angles on ditto, No.			
			Tie Plates, outside Hatchways			
			Deck, Material and thickness			
			Third, Fourth & Fifth Deck Stringer Plate, breadth and thickness			
			Angles on ditto, No.			
			Tie Plates, outside Hatchways			
			Deck, Material and thickness			
			Poop Deck Stringer Plate, breadth & thickness			
			Angles on ditto			
			Tie Plates			
			Deck, Material and thickness			
			Bridge Deck Stringer Plate, br'dth & thcknss			
			Angle on ditto			
			Deck, Material and thickness			
			Forecastle Deck Stringer Plate, br'dth & th'kns			
			Angle on ditto			
			Deck, Material and thickness			

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



Form No. 1B. WEB FRAMES. In Fore Body, No. and spacing. WEB-FRAMES, In E. & B. Space, No. and spacing. WEB-FRAMES, In After Body, No. and spacing. BRACKET PLATES to Stringers between Web Frames, depth and thickness. BULKHEADS. W.T. BULKHEADS. COLLISION PARTITION. LONGITUDINAL. PLATING. STRAKES. THICKNESS OF SHEET PILE. FORECASTLE SIDES. AWNING DECK. STRINGER PLATE. UPPER DECK. STRINGER PLATE. FRAMES extend in one length from bilge to upper & lower decks alternately. REVERSED FRAMES on floors and frames extend in aft plating from keel to upper deck. MASTS, SPARS, &c. LOWER MASTS. TOPMASTS. RIGGING. SAILS.

EQUIPMENT No. 27215 LETTER V. ANCHORS. CHAIN CABLES. HAWSERS AND WARPS. Boats. Pumps. Windlass. Engine Room Skylights. Coal Bunker Openings. Number of Scuppers. Ceiling in Holds. Cargo Hatchways. State size No. 1 Hatch. Number of Web Plates. Bulwarks. Correspondence. Workmanship. Is the riveted work properly closed? Are the liners between the frames and plates solid single pieces? Are the rivet holes well and sufficiently countersunk in the plate and punched from the facing surfaces? Are the butts of plating, stringers, &c., properly shifted and strapped? Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? General Remarks. Committee's Minute. Character assigned. Lloyd's Register Foundation.



GENERAL REMARKS—(continued).

1919  
17, 18, 21, 22, 25, 26, 27, 28 Feb; 3, 7, 13, 17, 19 Mar; 9, 11, 14, 18, 21, 22, 23, 25, 28 Apr  
2, 13, 26, 27, 29 May. and Steel works.

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**PARTICULARS FOR RECORD in the REGISTER BOOK.**—Length of Poop 29.3 ft., R.Q.D. — ft., Bridge 73.5 ft., Forecastle 41.1 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 should appear in the Register Book) 18th (Stl.) & Aung. Dk. (Stl.)  
Official No. 25450; Signal Letters RNLP State if Machinery is fitted aft No  
How are the surfaces preserved from oxidation? Inside Paint & Cement 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. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	<u>102.1</u>	<u>240.1</u>	Fore peak tank,	<u>18.8</u>	<u>62.2</u>
Double bottom, under Engines and Boilers,	<u>44.9</u>	<u>147.6</u>	After peak tank,	<u>10.0</u>	<u>31.1</u>
Double bottom, if under Engines only,	✓	✓	Deep tank, aft,	✓	✓
Double bottom, if under Boilers only,	✓	✓	Deep tank, forward,	✓	✓
Double bottom, forward,	<u>147.0</u>	<u>390.6</u>	Other tanks, if fitted,	✓	✓
Total capacity of double bottom		<u>778.3</u>	(If necessary, furnish further information by sketch.)		

\* The wells are not to be included in the lengths of the tanks. 294.0  
State whether the above have been tested as required by the Rules. Yes

Order for Special Survey No. 1919  
Date 17, 18, 21, 22, 25, 26, 27, 28 Feb; 3, 7, 13, 17, 19 Mar; 9, 11, 14, 18, 21, 22, 23, 25, 28 Apr  
No. 415 in builder's yard. 2, 13, 26, 27, 29 May. and Steel works.  
Surveyor's Signature Alexander Watt  
Total No. of Visits 27