

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

# STEEL STEAMER.

No. 2163

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

Port of *Kobe* Date of completion of Report *24<sup>th</sup> Jan'y 1918* Received at London Office *APR 28 1918*

Survey held at *Kobe* Date First Survey *25<sup>th</sup> May* Last Survey *19<sup>th</sup> December 1917*

On the (State if Single, Twin, or Triple Screw) *Steel Single Screw Steamer "Sumatra Maru"* Rig *For masts*

TONNAGE under Tonnage Deck... *4190.80* CLASS *+ 100A1. Runway* Master *Tomitaro Sae*

Breadth (greatest moulded) *51.00* Year of Appointment *(1) As Master in service of owner of present vessel:—1917 (2) As Master of this vessel:—1917*

Depth, at middle of length from top of keel to top of beams at side of uppermost Continuous Deck *36.00* Built at *Kobe*

Deduct height of 'tween deck when this does not exceed 8ft. *28.00* When built *1917* Launched *24<sup>th</sup> Nov. 1917*

Transverse Number *79.00* By whom built *The Kawasaki Dry Dock Co. Ltd.*

Length on deck from fore part of stem to after part of sternpost *385.00* Owners *The Osaka Shosen Kaisha*

Longitudinal Number *34015* Managers *(Where necessary to be entered in Reg. Book.)*

Depth "d" at middle of length. See Secs. 2 & 13... *16.0* Residence *Osaka*

Proportions, Depths to Length, Uppermost Continuous Deck at side to top of keel *10.7* Port belonging to *Osaka*

Upper Deck at side to top of keel *13.7* Destined Voyage *If Surveyed while Building, Afloat, or in Dry Dock Building*



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
385.0	33.0	33.0	3	3
Length 385.1 breadth 51.0 depth 28.0	Awn. or Shelter Dk. Moulded depth, ft. 36.0 ins. 0	To Awning or Shelter Dk. Round up of Uppermost Dk. Beam, Actual 12.3 ins.		
	Upper Deck. Moulded depth, ft. 28.0 ins. 0	To Upper Dk.		
FRAMING.				PILLARS.
ME, Angles, or L Bars, amidships	Inches in Ship	Inches in Ship	Inches in Ship	PILLARS, in 'tween Deck, size and spacing
in peaks	9 3/4 52	9 3/4 52	9 3/4 52	16 3/4 3 3/4 40
in way of Double Bottoms at Solid Floors	6 3/4 36	6 3/4 36	6 3/4 36	Quarter, 'tween Dks., Hold, 8-8-64-60
at intermdt. Bkts.	3 1/2 3 1/2 40	3 1/2 3 1/2 40	3 1/2 3 1/2 40	in Hold 6.6.70
ing of Frames from centre to centre amidships	17 3/4 3 1/2 40	17 3/4 3 1/2 40	17 3/4 3 1/2 40	
length to collision bulkhead	25 1/2	25 1/2	25 1/2	
of Frames from centre to centre in peaks	24	24	24	
ERSED FRAME, Angles	3 1/2 3 36	3 1/2 3 36	3 1/2 3 36	
in way of Double bottoms at Solid Floors	3 1/2 3 1/2 40	3 1/2 3 1/2 40	3 1/2 3 1/2 40	
at intermdt. Bkts.	17 3 40	17 3 40	17 3 40	
MING, depth of girder	6 in A.P.	6 in A.P.	6 in A.P.	
ORS, 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				
ORS, in Cell Double Bottoms	1-40-36	40-36	40-36	
state if flanged (top and bottom)	No	No	No	
spacing of Solid	25 1/2 51	25 1/2 51	25 1/2 51	
TRE GIRDER, in Dbl. bottom, dpth. & thcknss	42 150 40	42 50 40	42 50 40	
Angles, Top	3 1/2 3 1/2 50	3 1/2 3 1/2 50	3 1/2 3 1/2 50	
Bottom	5 15 58	4 1/2 4 1/2 60	4 1/2 4 1/2 60	
to Floors	5 15 56	5 5 56	5 5 56	
Brackets at intermdt. frmg., wdth & thcknss	36 40-36	36 40-36	36 40-36	
E GIRDERS, number and thickness	200 38-36	200 38-36	200 38-36	
state if flanged (top & bottom)	Top 3 1/2 fl.	Top 3 1/2 fl.	Top 3 1/2 fl.	
Angles	3 1/2 3 1/2 40	3 1/2 3 1/2 40	3 1/2 3 1/2 40	
RGIN PLATE, depth (exclusive of flange) and thickness	38-32 46	38-32 46	38-32 46	
Angles to outside plating	3 1/2 3 1/2 46	3 1/2 3 1/2 46	3 1/2 3 1/2 46	
to floors	3 1/2 3 1/2 40	3 1/2 3 1/2 40	3 1/2 3 1/2 40	
Brackets at intermdt. frmg., wdth & thcknss	30 40-36	30 40-36	30 40-36	
Height of Brackets above at bilge	24	24	24	
VER BOTTOM PLATING, breadth and thickness of Middle Line Strake	42 50-40	42 50-40	42 50-40	
thickness in Engine and Boiler space	E-48 B-56	E-48 B-56	E-48 B-56	
Remainder in Holds	40-34	40-34	40-34	
AMS, Awng or Shltr Dk, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	7 3 438	7 3 42	7 3 42	
Spacing	25 1/2	25 1/2	25 1/2	
AMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	10 3 1/2 625	9 1/2 3 1/2 56	9 1/2 3 1/2 56	
Spacing	51	51	51	
AMS, Second, Third & Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	10 3 3 575	11 3 1/2 56	11 3 1/2 56	
Angles on upper edge	51	51	51	
Spacing	51	51	51	
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel				
Angles on upper edge				
Spacing				
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel				
Angles on upper edge				
Spacing				
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel				
Angles on upper edge				
Spacing				
KEELSONS AND STRINGERS.				
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship
Rider Plate				
Flat Keel Plate Angles				
Horizontal Plates on Floors				
Angles or Bulb Angles				
SIDE KEELSONS, Number				
Angles or Bulb Angles				
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 lng.				
Attached to outside plating with Angle				
Awning or Shelter Deck Stringer Plates, breadth and thickness	53-34 54-42	53-34 54-42	53-34 54-42	
Angle on ditto	5 5 56	4 1/2 4 1/2 58	4 1/2 4 1/2 58	
Tie Plates, fore and aft, outside Hatchways				
Deck, * Lower Steel, for whole lng.	42 38	42-38	42-38	
Wood Deck, Material & thickness				
Upper Deck Stringer Plate, breadth and thickness	46-34 46-42	46-34 46-42	46-34 46-42	
Angles on ditto, No. 2	3 1/2 3 1/2 46	3 1/2 3 1/2 46	3 1/2 3 1/2 46	
Tie Plates, outside Hatchways				
Deck, * Lower Steel, for whole lng.	34 30	34-30	34-30	
Wood Deck, Material & thickness				
Second Deck Stringer Plates, br'dth & thckn's	46-34 42	46-34 42	46-34 42	
Angles on ditto, No.	3 1/2 3 1/2 46	3 1/2 3 1/2 46	3 1/2 3 1/2 46	
Tie Plates, outside Hatchways				
Deck, * Material and thickness	Steel 34 30	34-30	34-30	
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 & thickness				
Angle on ditto				
Tie Plates				
Deck, Material and thickness				
Forecastle Deck Stringer Plate, br'dth & th'kns				
Angle on ditto				
Tie Plates				
Deck, Material and thickness				

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Form No. 1B. WEB FRAMES. FORGINGS or CASTINGS. BULKHEADS. PLATING. RIVETING. LOWER MASTS. RIGGING. SAILS.

EQUIPMENT No. 33190 LETTER 7. ANCHORS. CHAIN CABLES. HAWSERS AND WARPS. Boats 2 hps. 28' x 8' x 3' 3/4". Steering Gear, Steam by Builders. Steering Gear, Hand by Builders. Workmanship. Are the butts of plating planed or otherwise fitted? Planed.



GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop    ft., R.Q.D.    ft., Bridge    ft., Forecastle    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) *2 DRS (Stl) + Along DR. (Stl)*

Official No. *21145*; Signal Letters *NPNC*

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.

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	<i>116.9</i>	<i>342</i>	Fore peak tank,		<i>126.0</i>
Double bottom, under Engines and Boilers,	<i>44.6</i>	<i>182</i>	After peak tank,		<i>93.0</i>
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	<i>142.1</i>	<i>594</i>	Other tanks, if fitted,		
	Total capacity of double bottom	<i>1118</i>	(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.

Date

No. *404* in builder's yard.

DATES OF SURVEYS held while building

(May 25 + 29 for stem from casting) August 25, 30, Sep 7, 14, 22, 28  
Oct 5, 16, 25, 29, Nov. 5, 8, 14, 19, 24, 27, Dec 5, 10, 13, 17, 19, 1917.

Total No. of Visits *23.*

Surveyor's Signature

*Arthur Jones*

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