

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

# STEEL STEAMER.

(36137)

No. 3165

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

Port of *Kobe* Date of completion of Report *MAY 26<sup>TH</sup> 1921* Received at London Office *THU. 30 JUN 1921*  
 Survey held at *Kobe* Date, First Survey *JULY 2<sup>ND</sup> 1920* Last Survey *MAY 13<sup>TH</sup> 1921* 191  
 On the (State if Single, Twin, or Triple Screw) *Steel Single Screw Steamer* *BALTIMORE MARU* Rig *Two masts*

TONNAGE under 4618.77  
 Tonnage Deck 1538.56  
 Do. between Tonnage Dk. and 3rd, 4th, or Awning Dk. 6157.33  
 Total under Upper Dk. 6157.33  
 Do. of Poop  
 Do. of R. Qr. Dk.  
 Do. of Bridge House  
 Do. of Forecastle 42.07  
 Do. of Houses on Deck 277.03  
 Do. of excess of Hatchways 36.73  
 Do. above Crown of Engine Room 58.09  
 Gross Tonnage 6571.25  
 Less Crew Space 326.52  
 Less above Crown of Engine Room  
 TONNAGE FOR FEES. 2102.80  
 Less Engine Room 88.37  
 Less Navigation Spaces 40.10  
 Less Ballast Tanks  
 Register Tonnage 4013.46  
 as cut on Beam...

CLASS *100A1 AWNING Dk.* FEET.  
 Breadth (greatest moulded) 53.0  
 Depth, at middle of length from top of keel to top of beams at side of uppermost Continuous Deck 37.0  
 Deduct height of 'tween deck when this does not exceed 8ft. 29.0  
 Transverse Number 82  
 Length on deck from fore part of stem to after part of sternpost 405  
 Longitudinal Number 33210  
 Depth "d" at middle of length. See Secs. 2 & 18. 15.92  
 Proportions, Depths to Length, Uppermost Continuous Deck at side to top of keel 10.95  
 " " " Upper Deck at side to top of keel 14.  
 Destined Voyage

Master *M. Naito*  
 Year of Appointment (1) As Master in service of owner of present vessel: 191 (2) As Master of this vessel: 191  
 Built at *Kobe*  
 When built 1921 Launched 22<sup>ND</sup> Feb. 1921  
 By whom built *Kawasaki Dockyard Co.*  
 Owners *Kawasaki Dockyard Co.*  
 Managers  
 (Where necessary to be entered in Reg. Book.)  
 Residence *Kobe*  
 Port belonging to *Kobe*  
 If Surveyed while Building, Afloat, or in Dry Dock *Building*

LENGTH on Deck as per Rule	Ft.	Ins.	BREADTH Moulded	Ft.	Ins.	DEPTH, ACTUAL Do.	Ft.	Ins.	No. of Decks with flat laid	No. of Tiers of Beams
405	0		53	0		37.0	0		3	3
Dimensions of Ship per Register, Length 405 breadth 53 depth 29.0 Upper Deck. Moulded depth, ft. 37 ins. 0 To Awning or Shelter Dk. Round up of Uppermost Dk. Beam, Actual 134 ins.										

FRAMING.						PILLARS.					
Inches in Ship	Inches in Ship	Inches in Ship	Inches per Rule	Inches per Rule	Inches per Rule	Inches in Ship	Inches in Ship	Inches in Ship	Inches per Rule	Inches per Rule	Inches per Rule
FRAME, <i>Angled</i> L Bars, amidships	9 1/2	3 1/2	55	9 1/2	3 1/2	PILLARS, In 'tween Deck, size and spacing					
Do. in peaks <i>F.Pk. 7x3 1/2 x 44</i>	AR 6	3 1/2	38	AR 7	3 1/2	" " Hold					
Do. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	40	3 1/2	3 1/2	" " Quarter, 'tween Dks.,					
" " at intermdt. Bkts.	7 1/2	3 1/2	44	7 1/2	3 1/2	" " in Hold					
Spacing of Frames from centre to centre amidships	26			26		KEELSONS AND STRINGERS.					
" length to collision bulkhead	24			24		CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate					
" of Frames from centre to centre in peaks	3 1/2	3	38	AP 3 1/2	3	" Rider Plate					
REVERSED FRAME, Angles	AP 3 1/2	3	38	AP 3 1/2	3	" Flat Keel Plate Angles					
Do. in way of Double bottoms at Solid Floors	3 1/2	3 1/2	40	3 1/2	3 1/2	" Horizontal Plates on Floors					
" " at intermdt. Bkts.	7	3	42	7	3	" Angles or Bulb Angles					
FRAMING, depth of girder	AP 6			AP 6		SIDE KEELSONS, Number					
FLOORS, depth and thickness of Floor Plate						" Angles or Bulb Angles					
" mid-line for 1/2 length amidships						" Plate above floors, for length					
" in way of Engine and Boiler spaces						" Intercoastal Plate, for length					
" thickness at the ends of vessel						" Attached to outside plating with Angle					
" depth at 1/2 the half-bdth. as per Rule						BILGE KEELSON, Angles					
" height extended at the Bilges						" Intercoastal Plate, for length					
FLOORS, in Cell Double Bottoms	40	36	40	36		" Attached to outside plating with Angle					
" state if flanged (top and bottom)	No			No		SIDE STRINGERS, Number	Two in No. 1 Hold		Two in No. 1 Hold		
" spacing of Solid	24 in Peaks	26	52	24 in Peaks	26	" Angle	7 3 1/2 52		7 3 1/2 52		
CENTRE GIRDER, in Dbl. bottom, dpth. & thcknss	43	50	40	43	50	" Intercoastal Plate, for No. 1 Hold lng.	44		44		
" Angles, Top	3 1/2	3 1/2	50	3 1/2	3 1/2	" Attached to outside plating with Angle	Flanged		Flanged		
" Bottom	4 1/2	4 1/2	60	4 1/2	4 1/2	Awning or Shelter Deck Stringer Plates, breadth and thickness	55-35	54	55-35	54	
" to Floors	5	5	56	5	5	" Angle on ditto	5 x 5	60	5 x 5	60	
" Brackets at intermdt. frmng., wdth & thkns	36	40	36	36	40	" Tie Plates, fore and aft, outside Hatchways					
SIDE GIRDERS, number and thickness	Two	40	36	Two	40	" Deck, * <i>Iron</i> Steel, for whole lng.	40-34		40-34		
" state if flanged (top & bottom)	Top 3 1/2 FLGE			Top 3 1/2 FLGE		" Wood Deck, Material & thickness					
" Angles	3 1/2	3 1/2	40	3 1/2	3 1/2	Upper Deck Stringer Plate, breadth and thickness	47-35	44	47-35	44	
MARGIN PLATE, depth (exclusive of flange) and thickness	42	48	33	48		" Angles on ditto, No. two	3 1/2 x 3 1/2 x 48		3 1/2 x 3 1/2 x 48		
" Angles to outside plating	4	4	48	4	4	" Tie Plates, outside Hatchways					
" to floors	3 1/2	3 1/2	40	3 1/2	3 1/2	" Deck, * <i>Iron</i> Steel, for whole lng.	40-36		40-36		
" Brackets at intermdt. frmng., wdth & thkns	30	40	36	30	40	" Wood Deck, Material & thickness					
" Height of Brackets above at bilge	25			25		Second Deck Stringer Plates, br'dth & thckn's	47-35	44	47-35	44	
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	43	50	40	43	50	" Angles on ditto, No. two	3 1/2 x 3 1/2 x 48		3 1/2 x 3 1/2 x 48		
" thickness in Engine and Boiler space	E 48	B 56	E 48	B 56		" Tie Plates, outside Hatchways					
" Remainder in Holds	40	36	40	36		" Deck, * Material and thickness <i>steel</i>	34	30	34	30	
BEAMS, Awning or Shelter Dk, Angle, Bulb Angle, Plate, Tee Bulb or Channel	7 1/2	3	425	7 1/2	3	Third, Fourth & Fifth Deck Stringer Plate, breadth and thickness					
" Spacing	26			26		" Angles on ditto, No.					
BEAMS, Upper Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel	10	3 1/2	575	10	3 1/2	" Tie Plates, outside Hatchways					
" Spacing	52			52		" Deck, Material and thickness					
BEAMS, Second, Third & Fourth Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel	12	3 1/2	60	12	3 1/2	Poop Deck Stringer Plate, breadth & thickness					
" Angles on upper edge						" Angles on ditto					
" Spacing	52			52		" Tie Plates					
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel						" Deck, Material and thickness					
" Angles on upper edge						Bridge Deck Stringer Plate, br'dth & thickness					
" Spacing						" Angle on ditto					
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel						" Tie Plates					
" Angles on upper edge						" Deck, Material and thickness					
" Spacing						Forecastle Deck Stringer Plate, br'dth & th'kns	35	34	35	34	
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel	7 1/2	3	425	7 1/2	3	" Angle on ditto	3 1/2 x 3 1/2 x 34		3 1/2 x 3 1/2 x 34		
" Angles on upper edge						" Tie Plates					
" Spacing	24			24		" Deck, Material and thickness <i>steel</i>	30		30		



WEB FRAMES. In Fore Body, No. and spacing. No. of Side Stringers. WEB FRAMES, In E. & B. Space, No. and spacing. WEB FRAMES, In After Body, No. and spacing. BRACKET PLATES to Stringers between. WEB FRAMES IN TWEEN DECKS UPPER LOWER. BULKHEADS. STIFFENERS. RIVETING. PLATING. STRAKES. AS IN SHIP. PER RULE OR AS APPROVED. EDGES. BUTTS. RIVETS. Double or Treble and for what Length. STRAPS. IF LAPPED. THICKNESS OF SHEET PILE. CLEAR OF LONG BRIDGE. DO. OF STRAKE BELOW. DBLG. of Flat Plate Keel. SHEERSTRAKES. POOP SIDES. SHORT BRIDGE SIDES. FORECASTLE SIDES. FRAMES extend in one length from bilge to upper 2nd Deck alternately. REVERSED FRAMES on floors and frames extend from. MASTS, SPARS, &c. LOWER MASTS. Main Mast. Mizzen. Bowsprit. Topmasts. Riggings. Material and Size, Shrouds. Sails.

EQUIPMENT No. 36125 LETTER Z. ANCHORS. Number of Certificate. Anchors. WEIGHT, EX. STOCK. WEIGHT OF STOCK. TEST, PER CERTIFICATE. PARTICULARS OF DROP TEST OF CAST STEEL ANCHORS. CHAIN CABLES. Number of Certificate. Length and Size. TEST PER CERTIFICATE. HAWERS AND WARPS. Number of Certificate. Length and Size. BREAKING TEST OF STEEL WIRE. Correspondence. Workmanship. Are the butts of plating planed or otherwise fitted? Is the riveted work properly closed? Are the liners between the frames and plates solid single pieces? Do the holes for riveting plate to frames, butt straps, or plate from the faying 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. This vessel has been built under Special Survey in accordance with the Rules & Approved Plans and the materials and workmanship are good. Double bottom tanks Nos. 1, 2, 3, 4 & 5 p.s., also Deep tank p.s. and O.F. Settling tanks p.s. have been tested for carrying Oil, Fuel, and the Centre line division of all these tanks are watertight as required by Section 149 (1919-20 Rules). This vessel is eligible in my opinion for the notation "Fitted for oil fuel 5.21 (F.P. above 150° Stah) and "Pl. Cement". Bilge non-return valves have been fitted on bilge suction pipes at W.T. Blkds. between Nos. 1 & 2 Holds and bet. Cross-bunker and Boiler room. Blue prints of midship section, and Profile + decks are forwarded herewith. This vessel is sister to S/S FUJI MARU (Kobe Report No. 3143). The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans to be forwarded with F.E. Report showing vessel as built. The amount of Entry Fee. Special Survey Fee. SHIP STEEL CASTINGS. Travelling Expenses, if any. DEADWEIGHT CERT. State whether the Vessel has been built under Special Survey. I am of opinion this Vessel should be Classed. With, or without Freeboard, as condition of Class. Committee's Minute. Character assigned.



GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK. Length of Poop ☒ ft., R.Q.D. ☒ ft., Bridge ☒ ft., Forecastle **32.68** 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 Dks. (Steel) & AWNING Dk. (Steel) also Fore'sle Dk. (steel)**  
Official No. **28022**; Signal Letters **S G D C** State if Machinery is fitted aft **No** Amidships.  
How are the surfaces preserved from oxidation? Inside **3 coats of paint in holds** Outside **Paint.**  
**Cement in peaks and E+B feed tanks & Bilges**  
**Cement washed in other double bottoms**

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

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	<b>127.10</b>	<b>394 S.W.</b>	Fore peak tank,	<b>22.0</b>	<b>104.5</b>
Double bottom, under Engines and Boilers,	<b>45.6</b>	<b>194 F.W.</b>	After peak tank,	<b>12.0</b>	<b>36</b>
Double bottom, if under Engines only,	—	—	Deep tank, aft,	<b>34.10</b>	<b>724</b>
Double bottom, if under Boilers only,	—	—	Deep tank, forward,	—	—
Double bottom, forward,	<b>169.0</b>	<b>646 S.W.</b>	Other tanks, if fitted, <b>OIL SETT'G. TANK INSIDE DEEP TK.</b>	<b>10.10</b>	<b>83</b>
Total capacity of double bottom		<b>1234.</b>	(If necessary, furnish further information by sketch.)		

\* The wells are not to be included in the lengths of the tanks **242.14**

State whether the above have been tested as required by the Rules **yes**

Order for Special Survey No.

Date

No. **475** in builder's yard.

DATES of Surveys held while building

**1920**  
**JULY 2, 5, 7, 12, 13, 15, 16, 19, 21, 22, 23, 26; AUG 2, 7, 10, 16, 18, 28; OCT. 4, 12, 20, 25, 27; NOV 2, 4, 6, 10, 12, 13, 17, 18, 25, 29; DEC 3, 9, 11, 14, 17, 22, 24, 27;**  
**1921**  
**JAN 5, 7, 12, 15, 19, 25; FEB. 10, 16, 17, 18, 22, 23; MAR 2, 14, 23, 31; APR 11, 12, 20, 22, 29; MAY 3, 5, 9, 13.**

Surveyor's Signature

*A. Watt*

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Total No. of Visits **68.**

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