

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

# STEEL STEAMER.

19405

No. 3516.

Port of Kobe Date of completion of Report 8<sup>th</sup> May 1922 Received at London Office FRI JUN 9 1922  
Survey held at Yama, Uno Date, First Survey 18<sup>th</sup> April 1922  
On the (State if Single, Twin, or Triple Screw) SINGLE SCREW 5/5 BUKISAN MARU Rig 2 masts.

TONNAGE under 4139.18  
Tonnage Deck... 1375.32  
Do. between Tonnage Dk. and 3rd, 4th, or Awning Dk. 5514.50  
Total under Upper Dk. 5514.50  
Houses on Deck 227.18  
Deck of Hatchways 22.60  
Crown of Room 56.89  
Tonnage 5821.17  
Deck Space 329.84  
Crown of Room 1303.61  
Deck Spaces 69.45  
Last Tanks 56.14  
Tonnage 4062.13  
On Beam...

CLASS 100A1 Awning Deck FERT.  
Breadth (greatest moulded) 51.0  
Depth, at middle of length from top of keel to top of beams at side of uppermost Continuous Deck 36.05  
Deduct height of 'tween deck when this does not exceed 8ft. 28.05  
Transverse Number 79.05  
Length on deck from fore part of stem to after part of sternpost 385.0  
Longitudinal Number 30415  
Depth "d" at middle of length. See Secs. 2 & 13 16.0  
Proportions, Depths to Length, Uppermost Continuous Deck at side to top of keel 10.7  
" " " Upper Deck at side to top of keel 13.75  
Destined Voyage Europe

Master Yama, Uno  
Year of Appointment 1921  
Built at Mitsui Dockyard, Yama, Uno  
When built 1921 Launched July 12<sup>th</sup> 1921  
By whom built Mitsui Bussan Co. Ltd.  
Owners Mitsui Bussan Co. Ltd.  
Managers Kobe  
Residence Kobe  
Port belonging to Kobe

DEPTH, ACTUAL—Top of Floors to top of Awn. or Shelter Dk. Beams 33 Ins. 7 No. of Decks with flat laid 3  
Do. Upper Deck Beams 23 Ins. 7 No. of Tiers of Beams 3  
Moulded depth, ft. 36 ins. 0.62 To Awning or Shelter Dk. Round up of Uppermost Dk. Beam, Actual 12 3/4 ins.  
Moulded depth, ft. 26 ins. 0.62 To Upper Dk.

FRAMING.		Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
E. Angles, on Corbels, amidships	9	3 1/2	9/16	9	3 1/2	9/16	
in peaks F.P.K. 7 x 3 1/2 x 42 L. A.P.K.	6	3 1/2	3/8	6	3 1/2	3/8	
in way of Double Bottoms at Solid Floors	13 1/2	3 1/2	40	3 1/2	3 1/2	40	
" " at intermdt. Bkts.	8	3 1/2	7/16	7 1/2	3 1/2	40	
g of Frames from centre to centre amidships	25 1/2			25 1/2			
length to collision bulkhead	24			24			
of Frames from centre to centre in peaks	13 1/2	3 1/2	36	3 1/2	3	36	
IRSED FRAME, Angles	3 1/2	3 1/2	40	3 1/2	3 1/2	40	
in way of Double bottoms at Solid Floors	7	3 1/2	7/16	7	3	40	
" " at intermdt. Bkts.	6	in A.P.K.	6	in A.P.K.			
ING, depth of girder	1			1			
RS, 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							
RS, in Cell Double Bottoms	40	—	36	40	—	36	
state if flanged (top and bottom)	Not flgd.			24-25 1/2	45 1/2		
spacing of Solid	24	in A.P.K.	25 1/2	45 1/2			
RE GIRDER, in Dbl. bottom, dpth. & thcknss	42	50-40	42	50-40			
" Angles, Top	3 1/2	3 1/2	50	50			
" " Bottom	5	5	58	4 1/2	4 1/2	60	
" " to Floors Single	5	5	58	5	5	56	
Brackets at intermdt. frmg., wdth & thcknss	35	40-36	35	40-36			
GIRDERS, number and thickness	Two	38-36	Two	38-36			
" state if flanged (top & bottom)	Top 3 1/2 flange	Top 3 1/2 flange					
Angles	3 1/2	3 1/2	40	3 1/2	3 1/2	40	
GIN PLATE, depth (exclusive of flange) and thickness	39-32	46	39-32	46			
Angles to outside plating	3 1/2	3 1/2	46	3 1/2	3 1/2	46	
" to floors	3 1/2	3 1/2	40	40			
Brackets at intermdt. frmg., wdth & thcknss	30	40-36	30	40-36			
Height of Brackets above at bilge	24		24				
ER BOTTOM PLATING, breadth and thickness of Middle Line Strake	42	50-40					
" thickness in Engine and Boiler space	E. 48 B. 56	E. 48 B. 56					
" Remainder in Holds	40	—	34	40	—	34	
MS, Awng or Shltr Dk, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	7	3 1/2	7/16	7	3	7/16	
Spacing	25 1/2		25 1/2				
MS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	10	3 1/2	9/16	10	3 1/2	9/16	
Spacing	51		51				
MS, Second, Third & Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	10 x 3 1/2 x 50		10	3 1/2	56		
Angles on upper edge	51		51				
Spacing							
MS, 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							

PILLARS.		Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
PILLARS, in 'tween Deck, size and spacing	7 x 3 1/2 x 3 1/2 x 40						
" " Hold	5 x 5 x 46-44 x 40						
" Quarter, 'tween Dks., "	8 x 8 x 58						
" " in Hold	6 x 6 x 64						
KEELSONS AND STRINGERS.		Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate							
" 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					
" Angle on ditto	5 x 6 x 56	5 x 5 x 56					
" Tie Plates, fore and aft, outside Hatchways							
" Deck, * Iron or Steel, for whole lng.	44-38	42-38					
" Wood Deck, Material & thickness							
Upper Deck Stringer Plate, breadth and thickness	46-34-46-42	46-34-46-42					
" Angles on ditto, No. Two	3 1/2 x 3 1/2 x 50	3 1/2 x 3 1/2 x 46					
" Tie Plates, outside Hatchways							
" Deck, * Iron or Steel, for whole lng.	36-30	34-30					
" Wood Deck, Material & thickness							
Second Deck Stringer Plates, br'dth & thckn's	46-34-42	46-34-42					
" Angles on ditto, No. Two	3 1/2 x 3 1/2 x 46	3 1/2 x 3 1/2 x 46					
" Tie Plates, outside Hatchways							
" Deck, * Material and thickness Steel	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							



WEB FRAMES. WEB-FRAMES, In Fore Body, No. and spacing. BULKHEADS. W.T. BULKHEADS. PLATING. STRAKES. FORGINGS OR CASTINGS. KEEL, Bar, depth and thickness. STEM, moulding and thickness. STERN-POST for Rudder do. do. RUDDER-A x D. Table 22. RUDDER, how constructed. RIVETING. BUTTS. MASTS, SPARS, &c. LOWER MASTS. RIGGING, Material and Size, Shrouds. Sails.

EQUIPMENT No. 33234 LETTER Y ANCHORS. CHAIN CABLES. HAWSERS AND WARPS. Correspondence. Workmanship. Is the riveted work properly closed? Are the liners between the frames and plates solid single pieces? General Remarks. This vessel has been built under Special Survey in accordance with the Rules & Approved Plans, and the materials and workmanship are good. Committee's Minute. Character assigned. a and R with fbl. a & b O.



PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. ☒ ft., Bridge ☒ ft., Forecastle ☒ (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 Decks (Steel) and Awning Deck (Steel) — 3 tiers of Beams.

Official No. 28537; Signal Letters SJGL. State if Machinery is fitted aft Aamidships.  
How are the surfaces preserved from oxidation? Inside 2. Holds + Moly Spaces — 3 Coats of Paint. Outside 3 coats of Paint  
2. O.F. Double Bottoms — bare Steel.

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

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft, <u>(36.10 ft for Oil Fuel.)</u>	<u>121.10</u>	<u>362.0</u>	Fore peak tank,	<u>20.5</u>	<u>119.</u>
Double bottom, under Engines and Boilers, <u>(19.15 ft for O.E.)</u>	<u>42.51</u>	<u>88.3</u>	After peak tank,	<u>24.0</u>	<u>68.</u>
Double bottom, if under Engines only,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Deep tank, aft,	<u>27.62</u>	<u>625.</u>
Double bottom, if under Boilers only,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Deep tank, forward,	<input checked="" type="checkbox"/>	
Double bottom, forward, <u>(97.80 ft for Oil Fuel.)</u>	<u>159.40</u>	<u>536.0</u>	Other tanks, if fitted,	<input checked="" type="checkbox"/>	
Total capacity of double bottom		<u>986.3</u>	(If necessary, furnish further information by sketch.)		

\* The wells are not to be included in the lengths of the tanks. 523.01 State whether the above have been tested as required by the Rules. yes.

Order for Special Survey No.

Date

No. 35 in builder's yard.

DATES of Surveys held while building

1920. AUG. 12, 24, 28, 29; SEPT. 7, 9, 16, 23, 30; OCT. 12, 16, 26, 30; NOV. 6, 9, 13, 20, 25; DEC. 7, 11, 14, 18  
1921. JAN. 11, 18, 20, 25; FEB. 1, 6, 10, 14, 17; MAR. 1, 8, 12, 15, 29; APR. 9, 14, 27; MAY. 11, 17, 21, 24, 28, 30;  
JUNE 27; JULY 9 (LAUNCHED JULY 12<sup>TH</sup>). 28; above are visits by H.G. House & T.G. Fry  
visits by Audette → 1921 Aug 30; SEPT. 2, 12, 16, 27; OCT. 11; NOV. 25; 1922 JAN. 28; MAR. 4, 10, 17, 18,  
27, 31; APR. 1, 14, 8, 10, 13, 18.

Total No. of Visits 70

Surveyor's Signature

a Watt for H.G. House, T.G. Fry & Self.