

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

# STEEL STEAMER.

No. 2686.

State if Report is also sent on the Machinery of the Vessel. **TUE 24 FEB. 1920**  
 Port of **Kobe** Date of completion of Report **Dec 22<sup>nd</sup>** Received at London Office  
 Survey held at **Kobe** Date, First Survey **Aug 22<sup>nd</sup>** Last Survey **Dec. 12<sup>th</sup>** 1919  
 On the (State if Single, Twin, or Triple Screw) **Steel Single Screw Steamer "SPAIN MARU"** Rig **2 masts**

CLASS **100A1 AWNING Dk.** Master **K. NAKAJIMA.**  
 Tonnage under Tonnage Deck **4195.11** Breadth (greatest moulded) **51.00** Year of Appointment (1) As Master in service of owner of present vessel: 1911 (2) As Master of this vessel: 1911  
 Do. between Tonnage Dk. and 3rd, 4th, or Awning Dk. **1395.00** Depth, at middle of length from top of keel to top of beams at side of uppermost Continuous Deck **36.00** Built at **Kobe**  
 Total under Upper Dk. **5590.11** Deduct height of 'tween deck when this does not exceed 8ft. **28.00** When built **1919** Launched **22<sup>nd</sup> Nov. 1919**  
 Do. of Poop **✓** Transverse Number **79.00** By whom built **Kawasaki Dockyard Co. Ltd.**  
 Do. of R. Qr. Dk. **✓** Length on deck from fore part of stem to after part of sternpost **385.00** Owners **Kawasaki Kisen Kaisha**  
 Do. of Bridge House **✓** Longitudinal Number **304.00** Managers **Kobe**  
 Do. of Forecastle **196.44** Depth "d" at middle of length. See Secs. 2 & 13 **16.0** Residence **Kobe**  
 Do. of Houses on Deck **23.97** Proportions, Depths to Length, Uppermost Continuous Deck at side to top of keel **10.7** Port belonging to **Kobe**  
 Do. of excess of Hatchways **54.17** " " " Upper Deck at side to top of keel **13.7**  
 Do. above Crown of Engine Room **5864.69** Destined Voyage **Building**  
 Gross Tonnage **1147.02** If Surveyed while Building, Afloat, or in Dry Dock **Building**  
 Less Crew Space **388.90**  
 Less above Crown of Engine Room **65.71**  
 Tonnage for Fees... **4263.06**

Register Tonnage **4263.06** Dimensions of Ship per Register, Length **385'** breadth **51'** depth **28'**  
 LENGTH on Deck as per Rule **385.00** BREADTH Moulded **51.00** DEPTH, ACTUAL—Top of Floors to top of Awn. or Shelter Dk. Beams **33.7** Ins. No. of Decks with flat laid **3**  
 Do. Upper Deck Beams **25.7** Ins. No. of Tiers of Beams **3**  
 Moulded depth, ft. **36** ins. **0** To Awning or Shelter Dk. Round up of Uppermost Dk. Beam, Actual **123** ins.  
 Moulded depth, ft. **28** ins. **0** To Upper Dk.

FRAMING.				PILLARS.			
	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.
FRAME, Angles, or [ or ] Bars, amidships	8	355	22-2	9 3/2	52	PILLARS, In 'tween Deck, size and spacing	7x3-32x18 @ 13 1/2
Do. in peaks <del>Fore Pk. 8x3/2x42</del> Aft. Pk.	6 3/4	36	6 3/2	36		" " " " " "	7x3-56x46 @ 15
Do. in way of Double Bottoms at Solid Floors	1 3/2	3 1/2	40	1 3/2	3 1/2	" " " " " "	5x5x76 @ 15
" " " " at intermdt. Bkts.	7 3/32	18 1/2	1 1/2	3 1/2	40	" " " " " "	6x6x70 @ 13
Spacing of Frames from centre to centre amidships	25 1/2		25 1/2			" " " " " "	8x8x58 @ 15
" length to collision bulkhead	24		24			KEELSONS AND STRINGERS.	
" of Frames from centre to centre in peaks	3 1/2	3	36	3 1/2	3	CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate	
REVERSED FRAME, Angles	A.P.	3 1/2	3 1/2	40	3 1/2	" Rider Plate	
Do. in way of Double bottoms at Solid Floors	7 3/32	18 1/2	1 1/2	3	40	" Flat Keel Plate Angles	
" " " " at intermdt. Bkts.	6 A.P.		6 in A.P.			" Horizontal Plates on Floors	
FRAMING, depth of girder						" Angles or Bulb Angles	
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships						SIDE KEELSONS, Number	
" in way of Engine and Boiler spaces						" Angles or Bulb Angles	
" thickness at the ends of vessel						" Plate above floors, for length	
" depth at 1/2 the half-bdth. as per Rule						" Intercoastal Plate, for length	
" height extended at the Bilges						" Attached to outside plating with Angle	
FLOORS, in Cell Double Bottoms		40-36		40-36		BILGE KEELSON, Angles	
" state if flanged (top and bottom)	no		no			" Intercoastal Plate, for length	
" spacing of Solid	24 in Pks	25 1/2 + 51	24	25 1/2 + 51		" Attached to outside plating with Angle	
CENTRE GIRDER, in Dbl. bottom, dpth. & thickness	42	50	40	42	50	SIDE STRINGERS, Number	Two in No 1 Hold 7 3 1/2
" Angles, Top	3 1/2	3 1/2	50	3 1/2	3 1/2	" Angle	42
" Bottom	4 1/2	4 1/2	60	4 1/2	4 1/2	" Intercoastal Plate, for lng.	42
" to Floors	5	5	56	5	5	" Attached to outside plating with Angle	FLANGED 3 1/2
" Brackets at intermdt. frmg., width & thkns	36	40	36	36	40	Awning or Shelter Deck Stringer Plates, breadth and thickness	53-34-54-42
SIDE GIRDERS, number and thickness	Two	38-36	Two	38-36		" Angle on ditto	5 x 5
" state if flanged (top & bottom)	Top 3 1/2 Flange	Top 3 1/2 flange				" Tie Plates, fore and aft, outside Hatchways	"
" Angles	3 1/2	3 1/2	40	3 1/2	40	" Deck * <del>Inner</del> Steel, for WHOLE lng.	42-38
MARGIN PLATE, depth (exclusive of flange) and thickness	38-32	46	38-32	46		" Wood Deck, Material & thickness	"
" Angles to outside plating	3 1/2	3 1/2	46	3 1/2	46	Upper Deck Stringer Plate, breadth and thickness	46-34
" to floors	3 1/2	3 1/2	40	3 1/2	40	" Angles on ditto, No. 2	3 1/2 x 3 1/2
" Brackets at intermdt. frmg., width & thkns	30	40	36	30	40	" Tie Plates, outside Hatchways	34-30
" Height of Brackets above at bilge	24		24			" Deck * <del>Inner</del> Steel, for WHOLE lng.	34-30
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	42	50	40	42	50	" Wood Deck, Material & thickness	"
" thickness in Engine and Boiler space	E 48	B 56	E 48	B 56		Second Deck Stringer Plates, br'dth & thckn's	46-34
" Remainder in Holds	40-34		40-34			" Angles on ditto, No. 2	3 1/2 x 3 1/2
BEAMS, Awng. on <del>Upper</del> Dk, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	7 1/2	3 1/2	43	7	3	" Tie Plates, outside Hatchways	34-30
" Spacing	25 1/2		25 1/2			" Deck * Material and thickness <del>5th</del> whole lng.	34-30
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	10	3 1/2	56	9	3 1/2	Third, Fourth & Fifth Deck Stringer Plate, breadth and thickness	"
" Spacing	51		51			" Angles on ditto, No.	"
BEAMS, Second, Third & Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	10	3 1/2	66	11	3 1/2	" Tie Plates, outside Hatchways	"
" Angles on upper edge						" Deck, Material and thickness	"
" Spacing	51		51			Poop Deck Stringer Plate, breadth & thickness	"
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel						" Angles on ditto	"
" Angles on upper edge						" Tie Plates	"
" Spacing						" Deck, Material and thickness	"
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel						Bridge Deck Stringer Plate, br'dth & thickness	"
" Angles on upper edge						" Angle on ditto	"
" Spacing						" Tie Plates	"
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel						" Deck, Material and thickness	"
" Angles on upper edge						Forecastle Deck Stringer Plate, br'dth & th'kns	"
" Spacing						" Angle on ditto	"
						" Tie Plates	"
						" Deck, Material and thickness	"



Form No. 1B. WEB FRAMES. FORGINGS or CASTINGS. BULKHEADS. COLLISION PARTITION LONGITUDINAL. PLATING. RIVETING. AWNING or Shelter Deck Stringer Plate. Upper Deck Stringer Plate. FRAMES extend in one length from. REVERSED FRAMES on floors and frames extend from. MASTS, SPARS, &c. LOWER MASTS. Bowsprit. Topmasts, Yards and Remainder of Spars. Rigging, Material and Size, Shrouds. Sails.

EQUIPMENT No. 33259 LETTER Y. ANCHORS. CHAIN CABLES. HAWSERS AND WARPS. Boats 2 Life Boats. Pumps, Number 1. Windlass is. Engine Room Skylights. Coal Bunker Openings. Number of Scuppers. Ceilings in Holds. Cargo Hatchways. State size No. 1 Hatch. Number of Web Plates. Bulwarks, height above deck. The foregoing is a correct description. Builder's Signature. Correspondence. Workmanship. Is the riveted work properly closed? Are the liners between the frames and plates solid single pieces? to plate, &c., conform well to each other? 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. Committee's Minute. Character assigned. 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. Travelling Expenses. 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. Lloyd's Register of Shipping.



GENERAL REMARKS—(continued).

FRAMES.  
Fore Body, No.  
brdth.  
Stringers  
E. & B. Space, 1  
brdth  
After Body, No.  
brdth.  
Stringers  
Angles to Web-  
ES to Stringers  
th and thickness.

Number.	Thic
Vessel.	Per Rule.
Fr 14	36
42	"
69	34
93	"
143	36
172	40

s doubled two s  
and Watertight

Breadth.
Inches.
46

46
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Butts, II  
traps, si  
Butts, II  
traps, si  
one len  
MES on

**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 stated in the Register Book) **2 DECKS (STEEL) & AWNING DECK (STEEL)**  
Official No. **26189**; Signal Letters **R.S.K.V.** 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 **Cellular**

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	116.9	342	Fore peak tank,		
Double bottom, under Engines and Boilers,	44.6	182	After peak tank,		
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	172.1	594	Other tanks, if fitted,		
Total capacity of double bottom		1118	(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. **470** in builder's yard.

DATES of Surveys held while building

**1919**  
Aug. 22, 23, 25, 27, 29, 30; Sept. 1, 2, 3, 4, 5, 8, 9, 10, 11, 12, 15, 16, 17, 18, 30; Oct. 1, 2, 3, 4, 7, 8, 9, 11, 13, 14, 15, 16, 18, 21, 22, 24, 27, 29, 30; Nov. 1, 3, 5, 6, 9, 10, 11, 13, 14, 17, 18, 19, 20, 22, 26; Dec. 3, 4, 8, 12.

Surveyor's Signature

*A. Watt*

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