

Awning or Shelter Deck, **STEEL STEAMER.** or Pt. Awning Deck.

No. 3920.

State if Report is also sent on the Machinery of the Vessel. **Yes.**JUN 12 1923
228121 NIP 301Port of **Kobe** Date of completion of Report **3rd May 1923.** Received at London Office
Survey held at **Kobe** Date, First Survey **APR 22nd 1921.** Last Survey **APRIL 20th 1923.**
On the **Steel Single Screw Steamer "RHINE MARU"** Rig **2 masts**TONNAGE under
Tonnage Deck...
Do. between Tonnage Dk. and
3rd, 4th, or Awning Dk.
Total under Tonnage Dk. **6577.33**
Do. of Poop
Do. of R. Qr. Dk.
Do. of Bridge House
Do. of Forecastle
Do. of Houses on Deck
Do. of excess of Hatchways
Do. above Crown of
Engine Room
Gross Tonnage **6577.04**
Less Crew Space
Less above Crown of
Engine Room
TONNAGE FOR FEES...
Less Engine Room
Less Navigation Spaces
Less Ballast Tanks
Register Tonnage **4111.76**
as cut on Beam...CLASS **100A1 AWNG. DK**
WITH FREEBOARD
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 **82.0**
Length on deck from fore part of stem to after part of
sternpost **405.0**
Longitudinal Number **33210**
Depth "d" at middle of length. See Secs. 2 & 13... **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 **14.00**
Destined VoyageMaster **✓**
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 **MAY 1922** Launched **4th Nov. 1921**
RE-DOCKED **FEB 16th 1923**
By whom built **Kawasaki Dockyard Co., Ltd.**
Owners **do do do**
Managers **✓**
Residence **Kobe**
Port belonging to **Kobe**
If Surveyed while Building, Afloat, or in Dry Dock **Building.**

LENGTH on	Feet	Inches	BREADTH	Feet	Inches	DEPTH, ACTUAL	Top of Floors to top of Awn. or Shelter Dk. Beams	Feet	Inches	No. of Decks with flat laid
Deck as per Rule	405	0	Moulded	53	0	Do.	do.	34	6 3/4	3
Dimensions of Ship per Register,							Round up of Uppermost Dk. Beam, Actual			
Length 405 ^{ft} breadth 53 ^{ft} depth 29 ^{ft}							Awn. or Shelter Dk. Moulded depth, ft. 37 ins. 0 To Awning Dk. Round up of Uppermost Dk. Beam, Actual 13 3/4 ins.			
Upper Deck. Moulded depth, ft. 29 ins. 0 To Upper Dk.										
FRAMING.							PILLARS.			
Inches in Ship.							Inches in Ship.			
FRAME, Angles, E or L Bars, amidships							PILLARS, In 'tween Deck, size and spacing			
Do. in peaks E.P.K. L 7 x 3 1/2 x 4 1/4							" " Hold			
Do. in way of Double Bottoms at Solid Floors							" " Quarter, 'tween Dks.			
" " at intermdt. Bkts.							" " in Hold			
Spacing of Frames from centre to centre amidships							KEELSONS AND STRINGERS.			
" length to collision bulkhead							CENTRE LINE KEELSON, Vertical Plate above			
of Frames from centre to centre in peaks							" Rider Plate			
REVERSED FRAME, Angles							" Flat Keel Plate Angles			
Do. in way of Double bottoms at Solid Floors							" Horizontal Plates on Floors			
" " at intermdt. Bkts.							" Angles or Bulb Angles			
FRAMING, depth of girder							SIDE KEELSONS, Number			
FLOORS, depth and thickness of Floor Plate							" Angles or Bulb Angles			
at mid-line for 1/2 length amidships							" Plate above floors, for			
" in way of Engine and Boiler spaces							" Intercostal Plate, for			
" 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							" Intercostal Plate, for			
FLOORS, in Cell Double Bottoms							" Attached to outside plating with Angle			
" state if flanged (top and bottom)							SIDE STRINGERS, Number			
" spacing of Solid 24" in Peaks							" Angle			
CENTRE GIRDER, in Dbl. bottom, dpth. & thickness							" Intercostal Plate, for No. 1 Hold lng.			
" Angles, Top							" Attached to outside plating with Angle			
" Bottom							Awning or Shelter Deck Stringer Plates,			
" to Floors							breadth and thickness SEE NOTE RE. STRENGTHENING			
" Brackets at intermdt. frmg. width & thkness							" Angle on ditto			
SIDE GIRDERS, number and thickness							" Tie Plates, fore and aft, outside Hatchways			
" state if flanged (top & bottom)							" Deck * Iron or Steel for WHOLE lng.			
" Angles							" Wood Deck. Material & thickness			
MARGIN PLATE, depth (exclusive of flange)							Upper Deck Stringer Plate, breadth and			
and thickness							thickness			
" Angles to outside plating							" Angles on ditto, No. Two			
" to floors							" Tie Plates, outside Hatchways			
" Brackets at intermdt. frmg. width & thkness							" Deck * Iron or Steel, for WHOLE lng.			
" Height of Brackets above at bilge							" Wood Deck. Material & thickness			
INNER BOTTOM PLATING, breadth and							Second Deck Stringer Plates, br'dth & thckness			
thickness of Middle Line Strake							" Angles on ditto, No. Two			
" thickness in Engine and Boiler space							" Tie Plates, outside Hatchways			
" Remainder in Holds							" Deck * Material and thickness STEEL			
BEAMS, Awng or Shelter Dk, Single Angle,							Third, Fourth & Fifth Deck Stringer Plate,			
Bulb Angle, Plate, Tee Bulb or Channel							breadth and thickness			
" Spacing							" Angles on ditto, No.			
BEAMS, Upper Deck, Single Angle, Bulb Angle,							" Tie Plates, outside Hatchways			
Plate, Tee Bulb or Channel							" Deck, Material and thickness			
" Spacing							Poop Deck Stringer Plate, breadth & thickness			
BEAMS, Second, Third & Fourth Deck, Single							" Angles on ditto			
Angle, Bulb Angle, Plate, Tee Bulb or Channel							" Tie Plates			
" Angles on upper edge							" Deck, Material and thickness			
" Spacing							Bridge Deck Stringer Plate, br'dth & thickness			
BEAMS, Poop Deck, Angle, Bulb Angle, Plate,							" Angle on ditto			
" Tee Bulb or Channel							" Tie Plates			
" Angles on upper edge							" Deck, Material and thickness			
" Spacing							Forecastle Deck Stringer Plate, br'dth & th'kness			
BEAMS, Forecastle Deck, Angle, Bulb Angle,							" Angle on ditto			
" Plate, Tee Bulb or Channel							" Tie Plates			
" Angles on upper edge							" Deck, Material and thickness STEEL			
" Spacing										

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... BULKHEADS... STIFFENERS... FORGINGS OR CASTINGS... KEEL, Bar, depth and thickness... STEM, moulding and thickness... STERN-POST for Rudder do. do... RUDDER, how constructed... PLATING... RIVETING... MASTS, SPARS, &c.

EQUIPMENT No. 36325 LETTER Z... ANCHORS... CHAIN CABLES... HAWSERS AND WARPS... Boats 4 Life Boats... Pumps, Number One 5 1/2... Windlass is By Builders... Engine Room Skylights... Coal Bunker Openings... Number of Scuppers... Ceiling in Holds... Cargo Hatchways... State size No. 1 Hatch... Number of Web Plates... Bulwarks, height above deck... The foregoing is a correct description... Correspondence... Workmanship... Is the riveted work properly closed?... Are the liners between the frames and plates solid single pieces?... Have all the upper and weather decks been tested... Have all the gutters been tested... General Remarks... The amount of Entry Fee... Fees applied for... 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 Foundation

GENERAL REMARKS—(continued).

Blue prints of Midship Section, and Profile & Decks Plan of Vessel as built are enclosed herewith, together with Copy of Approved Plans of Alterations at aft end and at No 3 Hatch. The Freeboard Report will be sent under separate cover. Sister vessels are: *Fuji Maru*, Kobe Rpt No 3143. *Baltimore Maru*, " " 3165. *Wales Maru*, " " 3383. *Belfast Maru*, " " 3575 & 3699. *Montreal Maru*, " " 3781.

awatt

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 dks (stl.) and Awng. Dk. (stl.)*

Official No. _____; Signal Letters _____ State if Machinery is fitted aft *No — amidships.*

How are the surfaces preserved from oxidation? Inside *Paint in Holds, Cemented in Bulges and in S+B Tank. — others not coated* Outside *Painted.*

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,	127-10	394	Fore peak tank,	22-0	104
Double bottom, under Engines and Boilers,	45-5	194	After peak tank,	12-0	36
Double bottom, if under Engines only,	✓	✓	Deep tank, aft,	34-10	724
Double bottom, if under Boilers only,	✓	✓	Deep tank, forward,	✓	✓
Double bottom, forward,	169-0	646	Other tanks, if fitted, <i>OF Settling Tank (inside D.T.)</i>	10-10	83
Total capacity of double bottom		1234	(If necessary, furnish further information by sketch.)		

* The wells are not to be included in the lengths of the tanks. *342-8*

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

Order for Special Survey No. _____

Date _____

No. *481* in builder's yard.

DATES of Surveys held while building

1921. APR. 22, 27, 29; MAY 4, 5, 6, 12, 13, 16, 27, 30; JUNE 1, 2, 4, 7, 9, 16, 22, 27; AUG. 4, 23, 26, 29; SEPT. 1, 2, 5, 21, 30, OCT. 10, 14, 15, 20, 21, 24, 26, 28; NOV. 1, 4 (LAUNCHED). [NOV. 4 till FEB 2 - NO PROGRESS. LYING AT BUOY.]
1922. JAN 12, FEB 2, 20, 24; MAR 16; APR 22; MAY 19; JULY 19, 21; SEPT 23, 28;
1923. JAN. 6, 12, 17, 29; FEB 13-16 (IN DRY DOCK), 22; MAR 1, 14, 19, 24, 27, 28, 29. APR 5, 11, 20.

Total No. of Visits *66*

Surveyor's Signature

A. Watt

Lloyd's Register Foundation