

STEEL STEAMER ~~OR MOTORSHIP~~

Received at London Office

26 OCT 1925

State if Report has been sent on the Freeboard of the Vessel. ☒ ESState if Report is sent on the Machinery of the Vessel. ☒ ES

Date of completion of report September 18th 1925 Port of Kobe No. 4985
Survey held at Osaka Date First Survey 25th March 1925 Last Survey 26th August 1925
On the (State if Machinery fitted Aft and (if Single, Twin or Triple Screw) Machy. Amidsheeps. Single Screw "TSUKUSHI MARU"
State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) Full Scantling State Type of Erections Bridge & Tackle

TONNAGE under 1704.93
Tonnage Deck...De. of space or spaces
between Tonnage Dk.
and Upper Dk.

Total

Gross Tonnage 1850.80

Register Tonnage 1119.10

REGISTERED DIMENSIONS.
FEET.

Length 275.0

Breadth 41.0

Depth 20.5

CLASS 100 A.I.State if with freeboard
as condition of Class) No

FEET.

Length from fore part of stem to after part of stern
post on summer L.W.L. See Sec. 3 (1a) L 275.0

Breadth (greatest moulded) B 41.0

Depth, at middle of length from top of keel to top
of beam at side of uppermost continuous
deck. See Sec. 3 (1c) D 20.5

1st Longitudinal Number (L x D) = 5637.5

2nd Numeral L x (B + D) = 16912.5

Framing Depth "d," at middle of length. See
Sec. 3 (1d) 18.08Proportions—Depth to Length—Uppermost con-
tinuous deck to top of keel 13.41
Do. Long Bridge to top
of keel

Draught Moulded From DEEP LOAD LINE 17.433

Built at Osaka

Launched 3rd August 1925 Yard No. 1074

Builders Osaka Iron Works Ltd

Owners KANIMA SHOGYO KABUSHIKI KAISHA

Managers

(Where necessary to be entered in Reg. Book.)

Residence N^o 2 KARADOSHU SHIMONOSEKI

Port of Registry SHIMONOSEKI

If surveyed while building, afloat, or in dry dock

Building

FRAMES, DOUBLE BOTTOM AND BEAMS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships	30"		Bracket Floors, Frame	7" 3 1/2" 406	135.40
" " from 1/2 length to Collision bulkhead	27"		" " Reversed Frame	7" 3 1/2" 38	6 1/2 x 3 x 30
" " in peaks	24"		" " Vertical Struts	7" 3 1/2" 38	6 1/2 x 3 x 30
SIDE FRAMING.			Centre Girder, depth and thickness amidships	35" 44 85.54	
Frame Amidships, Angle, <u>U</u>	9 3 1/2 53	9 x 3 x 5.2	" " top Angles	3 3 42	
" " Extends up to	UPPER DECK		" " bottom Angles	3 1/2 3 1/2 46	
Reversed Frame Amidships, Angle			Side Girders, No. each side and thickness	34 85.52	
" " Extends up to			Margin Plate depth (excl. of flange) and thickness	27" 42	
Depth of Framing Girder			" " Vertical Angle to Tank side	3 3 34	
Frames in Uppermost Continuous 'tween Decks, Angle, <u>C</u> or <u>[</u>			" " Bracket abaft 1/2 len. from stem	3 3 34	
" " Second 'tween Decks, Angle, <u>C</u> or <u>[</u>			" " Vertical Angle to Tank side	3 3 34	
" " Third " " "			" " Bracket forward 1/2 len. from stem	3 3 34	
Framing in Peaks, Angle, <u>C</u>	6 3 38	6 x 3 x 32"	" " Gussets, spacing and scantling abaft 1/2 len. from stem	ALT. FRAMES 36 35.46	
Diameter and Spacing of Rivets through Frame and Shell Plating amid- ships	7/8" 14 1/2 IN D.B. 8" 6"		" " Gussets, spacing and scantling forward 1/2 len. from stem	ALT. FRAMES 36	
State if Frame Joggled	YES		Tank Side Brackets, height above base line at toe of Frame and thickness	49 x 38 END 36	
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	2 WEB FAS 2 SPRINGERS		INNER BOTTOM PLATING.		
STRENGTHENING OF BOTTOM FOR- WARD. State Particulars	SOLID FLOORS EVERY FRAME FOR 5' 3" LENGTH		Breadth and thickness of Middle Line Strake	57 x 40 85.50	
SINGLE BOTTOM.			Thickness of remainder in Holds	38	
Floors, Depth and thickness at mid-line in Holds			Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & B. space and framing in Bunkers and Boiler Room?	Yes.	
Height of Brackets at side above base line at toe of frame			BEAMS.		
Middle Line Keelson, on Floors, Angles, <u>C</u> or <u>[</u>			Uppermost Continuous Deck, amidships in Wells, Angle, <u>[</u>	6 x 3 x 36 38	
" " Through Plate or Intercoastal Plate			" " in way of Bridge, Angle, <u>[</u>	6 x 3 x 30 30	
" " Foundation Plate on Floors			Spacing	7 x 3 1/2 406	6 x 3 x 40
" " Flat Plate Keel Angles			Second Deck, amidships, Angle, <u>C</u> or <u>[</u>		
Side Keelsons, No. each side			Spacing		
" " thickness of Intercoastal Plate			Third Deck, amidships, Angle, <u>C</u> or <u>[</u>		
" " Angles			Spacing		
DOUBLE BOTTOM.			Fourth Deck, amidships, Angle, <u>C</u> or <u>[</u>		
Solid Floors, thickness and spacing	34 THROUGHOUT 44 IN B.S. WITH VERRING LAMP		Spacing		
" " Are Frame and Reversed Frame joggled?	YES		Poop Deck, Angle, <u>C</u> or <u>[</u>		
Bracket Floors, breadth and thickness at middle line	26 1/2 x 38 85.48	85.47	Spacing		
" " breadth and thickness at margin plate	26 1/2 x 38 85.48	85.47	Bridge Deck, Angle, <u>C</u> or <u>[</u>	6 3 38	5 1/2 x 3 x 30
			Spacing	6 3 38	
			Forecastle Deck, Angle, <u>C</u> or <u>[</u>	8 1/2 3 46	
			Spacing	ALT. FRAMES	

PILLARS AND DECKS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
PILLARS , No. of Rows.....	2-WIDE SPACED	✓
" in 'tween Decks, Size and Spacing.....	✓	✓
" " " " " " I	8 x 3 1/2 x 3 1/2 x 54	✓
" in Holds " " FORD	10 x 3 3/4 x 3 3/4 x 48	✓
" " " " " " I	7 x 3 1/2 x 3 1/2 x 40	✓
" " " " " " AFT	6 x 3 x 3 x 34	✓
Centre Line Bulkhead.		
Stiffeners and Spacing.....		
Plating, thickness of		
STRINGERS AND DECKS.		
Uppermost Continuous Deck.		
Stringer Plate, breadth and thickness in Wells	45 x 60 BR. ENDS 86	45 x 58
" " " " in way of Bridge	45 x 34	✓
" Angle in Wells	6 x 6 x 58	✓
Thickness of Plating abreast Deck openings in way of Wells	44	✓
Thickness of Plating abreast Deck openings in way of Bridge	30	✓
Thickness of Plating within line of openings...	34	✓
If Sheathed, material and thickness	✓	✓
Second Deck.		
Stringer Plate, breadth and thickness in Wells...	✓	✓
Stringer Plate, breadth and thickness.....		
Thickness of Plating abreast Deck openings in way of Wells		
Thickness of Plating abreast Deck openings in way of Bridge		
Thickness of Plating within line of openings...		
If Sheathed, material and thickness		
Third Deck.		
Stringer Plate, breadth and thickness.....		
If Plated, state thickness.....		
Fourth Deck.		
Stringer Plate, breadth and thickness.....		
If Plated, state thickness		
Poop Deck.		
Stringer Plate, breadth and thickness		
Plating, Sheathing, material and thickness ...		
Bridge Deck.		
Stringer Plate, breadth and thickness.....	45 x 36	✓
Plating, Sheathing, material and thickness ...	30 x 30	✓
Forecastle Deck.		
Stringer Plate, breadth and thickness.....	26 x 32	✓
Plating, Sheathing, material and thickness ...	2 1/2" WOOD SHEATHING ON 30 STK DE.	✓

SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if joggled? <i>ORDINARY</i>			BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.		No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.			Diam.	Space cr. to cr.		Diam.	Spacing cr. to cr.	
	Inches.	Inches.	Inches.	Inches.		Inches.	Inches.		Inches.	Inches.		
FLAT PLATE KEEL	44"	60 ✓	54 ✓	54 ✓	44x58"	DOUBLE	7/8	3 3/8	THREE	7/8	3 3/8	STRAPPED
" DBLG. (if any)		-	-		✓							
BOTTOM PLATING, No. of Strakes 2	90"	52 ✓	52-40 ✓	40 ✓	✓	DOUBLE	7/8	3 3/8	THREE	7/8	3 1/8"	LAPPED
BILGE PLATING, No. of Strakes		52 ✓	40 ✓	40 ✓	✓	"	"	"	"	"	"	"
SIDE PLATING, No. of Strakes 2	75"	52 ✓	40 ✓	40 ✓	✓	SINGLE	"	"	"	"	"	"
UPPER DECK, Sheer- strake in Wells	67"	66 ✓	40 ✓	40 ✓	✓	"	"	"	"	"	"	"
UPPER DECK, Sheer- strake in Bridge ...		52 ✓	90" AT BRIDGE ENDS ✓		✓	"	3/4	3 3/8	FOUR TO THREE	7/8	5 1/2	"
STRAKE BELOW Sheer- strake in Wells		52 ✓			✓	"	7/8	3 3/8	THREE	7/8	3 1/2	"
STRAKE BELOW Sheer- strake in Bridge ...		52 ✓			✓	"	"	"	"	"	"	"
POOP SIDE PLATING					✓	"						✓
BRIDGE SIDE PLATING ...	87	44 ✓			✓	"	3/4	3 3/8	DOUBLE	3/4	2 5/8	"
FORECASTLE SIDE PLATING			34 ✓		✓	"	5/8	2 1/2	"	5/8	2 1/4	"

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—		Casting or Forging.		Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
Extending to Upper Deck (Sec. 3 c)	4					
" Deck next below	✓					
As per Rule	4					
		STIFFENERS.				
Plating Thickness.	VERTICAL.		HORIZONTAL.			
	Scantlings.	Spacing.	Scantlings.	Spacing.		
MIDSHIP BULKH'D, Upper tween decks						
" " Second						
" " Hold FORD	✓	42-26	8" x 16"	L 30"	✓	✓
" " Hold AFT	✓	36-26	8" x 16"	L 30"	✓	✓
COLLISION						
" " (No Hold)	✓	40-26	8" x 18"	L 24"	✓	✓
AFTER PEAK						
" " "	✓	38-20	8" x 18"	L 24"	✓	✓

		Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	✓	✓	✓	✓	✓
STEM	FORGING	✓	7 1/2 x 28	✓	✓
STERN FRAME	Propeller Post	} C.S.	8 1/2 x 5 1/2	Sumi Yama	✓
	Rudder		7 1/2 x 5 1/2	STEEL WORK	✓
RUDDER—A x D	✓	✓	25 x 49	✓	✓
Speed of Vessel	✓	✓	11 1/2 KNOTS	✓	✓
RUDDER mainpiece at head	✓	} C.S.	7 3/4	} KOBÉ STEEL WORKS	✓
" " heel	✓		5 3/4		
" how constructed	✓	✓	STEEL PLATE RIVETED TO C.S. FRAME	✓	✓
double or single plate	✓	✓	SINGLE	✓	✓
coupling, vertical or horizontal	✓	✓	HORIZONTAL	✓	✓

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)

STEEL.

Yawata, & Kawasaki Tuckai Steel Works, Open Hearth.
Has the Steel been tested as required by the Rules? *YES.*

Lloyd's Register
Foundation

EQUIPMENT No. 17521-85										LETTER	ANCHORS.							
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			WEIGHT REQUIRED BY TABLE 53.	Description of Anchor.	Makers.	Where and when tested and Superintendent.				
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.						
87406	1st Bower ...	37	2	17	STOCKLESS			34	6	1	0		HALL'S, C.S. HEAD	ALLINGALE & BENTLEY ¹²³	NETHERTON 26-2-25 H.G.			
87405	2nd " ...	37	1	4				34	0	2	14		"	"	"	"	"	"
87404	3rd " ...	36	3	0				33	11	3	14		"	"	"	"	"	"
	Collective weight.	111	2	21								101-0-0.						
40	Stream	11	2	8	2	3	22	13	10	0	0	9-1-0	ORDINARY FORG. STEEL KOBÉ STEEL WKS	(WAKUNOHAMA) KOBÉ	13-5-16 A.L.T.			

CHAIN CABLES.										HAWSERS AND WARPS.							
Number of Certificate.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.		Length and size per Table 53.		Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and size supplied.		Breaking Test of Steel Wire.	Length and size per Table 53.	
	Length.	Diam.	Statu- tory.	Break- ing.	Supplied.	Per Rule.	Length.	Diam.					Fathoms.	Cir.		Fathoms.	Cir.
1334	Fathoms.	Ins.	Tons.	Tons.	Cwts. qrs. lbs.	Cwts.	Fathoms.	Ins.	STUD	OSAKA P.H.	17-18-19 JUNE 1925 (J)	TOWLINE... HAWSERS & WARPS	Fathoms.	Ins.	Tons.	Fathoms.	Ins.
	242 3/4	1 13/16	59 3/8	82 3/4	412-2-12	370 1/2	240	1 15/16	LINK	OSAKA CH. WKS			90	3 1/2	39-73	90	3 1/2
Iron Stream Steel Wire		Cir.				397 1/2		Cir.					2090	5"		MANILA ROPE	
	75	4.		489			75	4	SPEC. IRON WIRE KOBÉ STEEL WKS	KOKURA WKS	17-18-19 JUNE 1925 (J)		2090	6"		2090	6"

Steering Gear, Steam

Direct Connected by gearing to rudderknob

Steering Gear, Hand

Good - efficient

Boats

one wood life boat & one launch

Steering Chains, Size and Test

(Telemotor fitted)

Windlass

Steam, good & efficient

Ceiling in Holds, thickness and material

2 1/2" Oregon Pine

Cargo Battens, thickness, material and spacing

NONE FITTED

Cargo Hatchways.-(Upper Deck)

Plates and angles (30"x44")

Thickness of Hatches

3" in N°1-3 others 2 1/2"

Size of No. 1 Hatchway (Forward)

22'6"x20'0"

No. 2

30'0"x20'0"

No. 3

22'6"x20'0"

No. 4

20'0"x20'0"

No. 5

No. 6

Number of Shifting Beams and/or Fore and Aft

N°1 1+3 = 3 pair N°2 - 5. N°4 - 3.

Builder's Signature

M. Free

OSAKA IRONWORKS LTD
SEP 10 1925
大阪鐵工株式會社

GENERAL DECLARATION

This vessel has been built under special survey in accordance with Rule requirements and approved plans. The materials have been tested found efficient & the workmanship throughout is good. All double bottom & Peak tanks have been tested with carhead of water to weather deck & found good & tight. Weather decks, Bridge front & hold bulkheads & shaft tunnel have been tested by hose pressure & found good & tight. The shell plating in way of holds & machinery spaces was also hose tested & found good & tight. Hold pillars, intercostals & floor, in way of hold pillars, have been made a metal to metal fit in way of double bottom tank top. Beyond the half length amidships the graduated Rule thickness of plating was increased .06 in way of 30" spacing & .03 in way of 27" frame spacing. Thick cement has been fitted in double bottom tanks under engines & boilers only, all other tanks cement washed.

The amount of Entry Fee

£ 60.00

Special Survey Fee

\$ 2997.00

Travelling Expenses, if any

\$ 70.00

INCLUDING MACHINERY.

Fees applied for,

27-8-1925

Received by me,

1.10.25

I am of opinion the Vessel should be Classed

* 100A.1.

State whether the Vessel has been built under Special Survey

Built under Special Survey

Signature

H. Buchanan

Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to

KOBÉ

Date of issue

30/10/25.

Committee's Minute

FRI. 30 OCT 1925

Character assigned

100A1

Cargo batten not fitted

Lloyd's A.O.B. P.

Wm. K. K.

2mb. S. 25

L.D. C.L.

The Surveyors are requested not to write on or below the Committee's Minute.

GENERAL REMARKS—(The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans showing Vessel as built should be forwarded and a List of the Plans should be embodied.)

No Sister Vessel.

Two Plans of Vessel, as built, forwarded herewith, viz:

- (1) Midships Section
- (2) Structural Arrangement

Copies of Certificates of Tonnage & or Castings forwarded herewith

C.S. Rudder Frame Cast. No 643
O.N. Forw. Stem Bars " " 644 A & B.
C.S. Stern Frame " " 670
C.S. Rudder Tiller " " 704
C.S. " Quadrant " " 705
O.N. Forw. " Stock " " 681

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	Cast 21 - 3 - 7	D.D.W.	87406	30-10-24.
	2nd "	21 - 2 - 15	D.D.W.	87405	3-12-24.
	3rd "	21 - 1 - 10	D.D.W.	87404	9-10-24.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. ☒ ft., Bridge 600 ft., Forecastle 28.40 ft.
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated

No. and Material of Decks (this information is to be given as it should appear in the Register Book) 1 Deck Steel: 1 Tin Planks

Official No. 31186; Signal Letters T.B.M.N. Is bottom of Vessel coated with cement Yes (in P.S.) only if not given particulars of composition

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. SEA WATER Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	72.5	118.1	Fore peak tank,	14.0	46.
Double bottom, under Engines and Boilers. (FW-99-47 tons)	40.0	102	After peak tank,	14.0	69.
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	128.9	258.5	Other tanks, if fitted, F.W. TANK IN BRIDGE TR. DKS		10
Total capacity of double bottom		478.6	(If necessary, furnish further information by sketch.)		

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

Order for Special Survey No. 9

Date 7/10/24

Dates of Surveys held while building

March 25, 26, 31, April 7, 10, 11, 14, 16, 20, 21, 23, 24, 28, May 6, 7, 9, 12, 13, 15, 18, June 11, 19, 20, 22, 30, July 7, 8, 11, 14, 17, 23, Aug: 5, 12, 18, 20, 24, 26,