

STEEL STEAMER or MOTORSHIP.

Received at London Office

62/40

State if Report has been sent on the Freeboard of the Vessel No.State if Report is sent on the Machinery of the Vessel Yes.

Date of completion of report

6-9-28

Port of

Kobe

No.

Survey held at

Lama

Date First Survey

31-1-28

Last Survey

3-9-1928

On the

(State if Machinery fitted Aft and
if Single, Twin or Triple Screw)

Steel Single Screw Motorship "TAIHEI MARU"

State Type

(Full Scantling, Complete Superstructure
with or without Tonnage Openings)

FULL SCANTLING

State Type of Erections

B. P. F.

TONNAGE under
Tonnage Deck...

5263

CLASS

100.A1.

State if with freeboard
as condition of Class

No

Built at

Lama

Do of space or spaces
between Tonnage Dk.
and Upper Dk.

5263

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

L 412.00

Breadth (greatest moulded)

B 55.50

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

D 32.00

1st Longitudinal Number (L x D) = 13184.00

2nd Numeral L x (B + D) = 36050.00

Framing Depth "d," at middle of length. See
Sec. 3 (1d)

19.33

Proportions—Depth to Length—Uppermost con-
tinuous deck to top of keel

12.88

Do. Long Bridge to top
of keel

10.37

Draught Moulded

32.00

Launched

9-7-28

Yard No. 146

Builders

Mitsui Bussan Kaisha

Owners

Shimadzu Kisen K. Kaisha

Managers

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

Residence Kobe

Port of Registry Kobe

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	33				Bracket Floors, Frame	7	7	3 1/2	34
" " from 1/2 length to Collision bulkhead	27				" " Reversed Frame	7	6	3	36
" " in peaks	24				" " Vertical Struts Channel	7	10	3 1/2	42
SIDE FRAMING.					Centre Girder, depth and thickness amidships	44	44	54	44
Frame Amidships, Angle, E	12	3 1/2	46		" " top Angles DOUBLE	3 1/2	3 1/2	48	52
" " Extends up to	2ND DK.				" " bottom Angles	4	4	54	58
Reversed Frame Amidships, Angle	-	-	-		Side Girders, No. each side and thickness	1	1	44	
" " Extends up to	-	-	-		Margin Plate depth (excl. of flange) and thickness	36	36	54	
Depth of Framing Girder	12				" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	3 1/2	3 1/2	42	
Frames in Uppermost Continuous 'tween Decks, Angle, E or F	8	3 1/2	40		" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem	5	5	42	
" " Second 'tween Decks, Angle, E or F	-	-	-		" " Gussets, spacing and scantling abaft 1/2 len. from stem	CONTINUOUS PLATE			
" " Third " " " "	-	-	-		" " Gussets, spacing and scantling forward 1/2 len. from stem	"	"		
Framing in Peaks, Angle, E	8	3 1/2	38		Tank Side Brackets, height above base line at toe of Frame and thickness	73	73	46	48
Diameter and Spacing of Rivets through Frame and Shell Plating amid- ships	YES.				INNER BOTTOM PLATING.				
State if Frame Joggled	DEEP FRAME	11	3 1/2	44	Breadth and thickness of Middle Line Strake	52	52	15	42
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	3 side str.			RF. 5 x 3 1/2 x 50L	Thickness of remainder in Holds	38	38	44	
STRENGTHENING OF BOTTOM FOR- WARD. State Particulars	As per rule				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	YES	52	
SINGLE BOTTOM.					BEAMS.				
Floors, Depth and thickness at mid-line in Holds	-	-	-		Uppermost Continuous Deck, amidships in Wells, Angle, E or F	8	7	3 1/2	40
Height of Brackets at side above base line at toe of frame	-	-	-		" " in way of Bridge, Angle E or F	8	8	3 1/2	44
Middle Line Keelson, on Floors, Angles, E or F	-	-	-		Spacing	33			
" " Through Plate or Intercostal Plate	-	-	-		Second Deck, amidships, Angle, E or F	12	8	3 1/2	158
" " Foundation Plate on Floors	-	-	-		Spacing	33			
" " Flat Plate Keel Angles	-	-	-		Third Deck, amidships, Angle, E or F	-	-	-	
Side Keelsons, No. each side	-	-	-		Spacing	-	-	-	
" " thickness of Intercostal Plate	-	-	-		Fourth Deck, amidships, Angle, E or F	-	-	-	
" " Angles	-	-	-		Spacing	-	-	-	
DOUBLE BOTTOM.					Poop Deck, Angle, E or F	8	8	3 1/2	42
Solid Floors, thickness and spacing	42	EVERY FINE R.			Spacing	As per plan			
" " Are Frame and Reversed Frame joggled?	No.	EVERY 3RD			Bridge Deck, Angle, E or F	8	8	3 1/2	38
Bracket Floors, breadth and thickness at middle line	33	42			Spacing	33			
" " breadth and thickness at margin plate	38	42			Forecastle Deck, Angle, E or F	9	8	3 1/2	156
					Spacing	As per plan			

PILLARS AND DECKS.

		INCHES IN SHIP.		Any Departure from Approved Plans to be Noted.	
PILLARS, No. of Rows		W.S.	As per plan.		
" in 'tween Decks, Size and Spacing.....		As per plan.			
" " " " " " " " " " " "					
" in Holds " " " " " "					
" " " " " " " " " " " "					
Centre Line Bulkhead.					
Stiffeners and Spacing.....					
Plating, thickness of					
STRINGERS AND DECKS.					
Uppermost Continuous Deck.					
Stringer Plate, breadth and thickness in Wells		58	136-60		
" " " " in way of Bridge		58	40		
" " " " 6x6x90		6	36		
" Angle in Wells 4x4x52		4	34		
Thickness of Plating abreast Deck openings in way of Wells		72	52		
Thickness of Plating abreast Deck openings in way of Bridge		36			
Thickness of Plating within line of openings...		42			
If Sheathed, material and thickness		2" OP in accommodation only.			
Second Deck.					
Stringer Plate, breadth and thickness in Wells...		47	40-36		
Stringer Plate, breadth and thickness in way of Bridge		36	42-36		
Thickness of Plating abreast Deck openings in way of Wells		36	32		
Thickness of Plating abreast Deck openings in way of Bridge		42	32		
Thickness of Plating within line of openings...		34	32		
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		36	36		
Plating, Sheathing, material and thickness ...		34			
Bridge Deck.					
Stringer Plate, breadth and thickness.....		58	50		
Plating, Sheathing, material and thickness ...		44	2" OP in accommodation		
Forecastle Deck.					
Stringer Plate, breadth and thickness.....		35	36		
Plating, Sheathing, material and thickness ...		34			

SHELL PLATING.

SCANTLINGS.						RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		State if joggled?	SINGLE OR DOUBLE.	RIVETS.		NO. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.				Diam.	Spacing cr. to cr.		Diam.	Spacing cr. to cr.	
FLAT PLATE KEEL	50	81	71	71	✓	✓	Double	1	4 1/8	Four	1	3 7/8	Lapped
„ DBLG. (if any)	-	-	-	-			✓			✓			
BOTTOM PLATING, No. of Strakes	65	66	48 in 48 -	PEAKS 52	✓	✓	Double	7/8	3 1/2	Four	7/8	3 1/2	"
BILGE PLATING, No. of Strakes	65	66	48	52	✓	✓	Double	7/8	3 1/2	Four	7/8	3 1/2	"
SIDE PLATING, No. of Strakes	65	66	46	50	✓	✓	Double	7/8	3 1/2	Three	7/8	3 1/8	"
UPPER DECK, Sheer- strake in Wells.....	50	90-60			✓	✓	Double	1	4 1/8	Five	1	4 1/2	"
UPPER DECK, Sheer- strake in Bridge ...	50	66-76	DOUBLE ENDS OF BRD. 1				Double	7/8	3 1/2	Three	7/8	3 1/8	"
STRAKE BELOW Sheer- strake in Wells.....	60	76-54			✓	✓	Double	7/8	3 1/2	Four	1	4	"
STRAKE BELOW Sheer- strake in Bridge ...	60	76-66			✓	✓	Double	7/8	3 1/2	Three	7/8	3 1/8	"
POOP SIDE PLATING		38			✓	✓	Single	3/4	3	Two	3/4	2 5/8	"
BRIDGE SIDE PLATING ...		59			✓	✓	DOUBLE	7/8	3 1/2	Three	7/8	3 1/8	"
FORE'C'TLE SIDE PLATING		42			✓	✓	Single	3/4	3	Two	3/4	5 5/8	"

WATERTIGHT BULKHEADS.

FORGINGS and CASTINGS.

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. 3e)							6			
" Deck next below							1			
As per Rule							7			
		Plating Thickness	STIFFENERS.				Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
			VERTICAL.		HORIZONTAL.					
			Soundings.	Spacing.	Scantlings.	Spacing.				
MIDSHIP BULKHD., Upper tween decks		30/28	5 1/2 x 3 x 38	33	-	-				
"	" Second "	-	-	-	-	-				
"	" Third "	-	-	-	-	-				
"	" Holds	44/32	12 3/2 x 52	33	-	-				
COLLISION " (in Hold)		52/30	9 3/4 x 50	24	-	-				
AFTER PEAK "		75/30	10 3/2 x 50	24	-	-				
HEEL, Bar							-	-	-	-
STEM							Forging	9 3/4 x 2 5/8	Pintani BK.	
STERN FRAME {							Propeller Post	CS	10 1/2 x 8	Murotan SH LWS. repld
							Rudder "	"	9" x 8	" " repld
RUDDER—A x D								5'4.45"		
Speed of Vessel								Under 12 Knts.		
RUDDER mainpiece at head							Forging	11" DIA.	Murotan SH LWS.	
" " heel							"	8 1/4 DIA.	" "	
" how constructed								Built C.S. ARMS.		
" double or single plate								Single	1 x 10"	
" coupling, vertical or horizontal								Vertical.		

STEEL.

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

DORMAN LONG & CO. LTD. CARGO FLEET IRON WKS., LANARKSHIRE STEEL CO. LTD. YAWATA STEEL WORKS, KAWASAKI DOCKYARD, STE. AME. D'ATHUS - GRIESNEE, FABRIQUE DE FER DE CHARLERAI.

Has the Steel been tested as required by the Rules? YES.

EQUIPMENT No. <u>37600</u>												LETTER <u>Z</u>	ANCHORS. <u>3.3</u> <u>1.5.</u>		
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.			
89886	1st Bower ...	68	1	0	-	-	-	52	15	2	14	63.75	Britannia CS. Head	R. Sykes & Sons	Netherby 17/4/28 H.G.
89887	2nd „ ...	68	0	11	-	-	-	52	15	2	14	63.75	„ „ „	„ „ „	„ 17/4/28 H.G.
43389	3rd „ ...	61	1	21	-	-	-	49	3	3	0	63.75	„ „ „	„ „ „	Bradley H. 24/1/28 L.P.
	Collective weight.	197	3	4								182.00			
43625	Stream	19	1	14	4	3	21	20	4	0	7	17.5	Ordinary W.I.	„ „ „	„ „ 17/4/28 L.P.

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.					Length.	Cir.		Length.	Cir.
1555	274	2 7/16	96.25	134.75	771.2	127 2/5	270	2 1/4	SHD LINK.	?	Osaka P.H. 20.4.28	TOWLINE...	120	5 1/4	90.73	120	5
											Y.J.O. 14.5.28	HAWSERS & WARPS }	90	9	-	90	8
											23.5.28		"	90	9	-	90
Iron Stream Chain or Steel Wire }	90	5 1/4		84.58			90	4 3/4	Steel Wire.		Osaka. 26.6.28	"	90	8	-	90	7

Steering Gear, ~~Steam~~ Electric-Hydraulic by J. Fastie & Co. Steering Gear, Hand J. Fastie & Co.

(1) Lemna 19'-0" x 5'-0" x 1'-9" Electric by.

Boats (2) 26'-0" x 8'-0" x 3'-4" Steering Chains, Size and Test. Windlass Clarke Chapman & Co.

Ceiling in Holds, thickness and material 2 1/2" x 12" or 2" battens O.PINE Cargo Battens, thickness, material and spacing 2" x 6" 9" spacing O.PINE.

Cargo Hatchways.—(Upper Deck) Six Cummings 44" ends & sides. Thickness of Hatches 2 1/2" O.PINE.

Size of No. 1 Hatchway (Forward) 22.5 x 22 No. 2 29.5 x 22 No. 3 30.25 x 22 No. 4 27.5 x 22 No. 5 30.25 x 22 No. 6 30.25 x 22

Number of Shifting Beams ~~and/or Fore and Afters~~ No 1 Fore, all others Five.

Builder's Signature S. Kar

GENERAL DECLARATION This vessel has been built under special survey, in accordance with the Rules & approved plans. The materials & workmanship employed are good. All requirements of Sect. 35 of the Rules for oil fuel F.P. above 150° have been complied with.

In my opinion the vessel is now entitled to the notation, fitted for oil fuel 9-28 F.P. above 150°, pt. cen. Lloyds, A. & C.P. Wireless & Electric Light, in the Register Book.

The amount of Entry Fee YEN 107 — : Fees applied for, 19.

Special Survey Fee.... 5,714 — : Received by me, 5.11.28

Travelling Expenses, if any 301 — : including machinery

State whether the Vessel has been built under Special Survey YES. Signature W. Rumber

~~Hull~~ Hull Certificate to be sent to Kobe Date of issue 26/10/28 Surveyor to Lloyd's Register of Shipping.

Committee's Minute FRI. 26 OCT 1928

Character assigned + 100 A1

Lloyd's A & C.P. + L.M.C 9-28

Wireless Oil Engines CR

My DB 100lbs

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.)

(1) MIDSHIP SECTION.

(2) CONSTRUCTION, PROFILE, DECKS, AND INNER BOTTOM.

Forging & Casting, copies of certificates.

(1) Rudder fittings.

(2) " arms.

(3) Stem frame.

Particulars of Drop Test of Cast Steel Anchors, viz.:—
Weight, Surveyor's Initials, Number of Certificate, Date of Test.

1st Bower	42-2-1	K.H.	5191	28-3-28
2nd "	42-1-13	K.H.	5190	28-3-28
3rd "	36-3-7	K.H.	2880	9-4-28

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 39.25 ft., R.Q.D. ✓ ft., Bridge 129.25 ft., Forecastle 36.75 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) 2 DKS. (SRL)

Official No. 33574; Signal Letters

T.N.P.G.

Is bottom of Vessel coated with cement (FEED TANK, PEAKS & BILGES ONLY) if not give

particulars of composition CEMENT.

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length.		Water Capacity.		Where Fitted.	*Length.		Water Capacity.	
	Feet.	Tons.				Feet.	Tons.		
Double bottom, aft, ✓	117	320			Fore peak tank,	21	97		
Double bottom, under Engines and Boilers,					After peak tank,	20	110		
Double bottom, if under Engines only, ✓	22	100			Deep tank, FT FORD.	19.25	393		
Double bottom, if under Boilers only,					Deep tank, forward,	16.5	535		
Double bottom, forward,	215.25	820			Other tanks, if fitted, WING OIL TANK (AFT.)	24.75	136		
		Total capacity of double bottom	1240		(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. 22

Date 14-3-27.

Dates of Surveys held while building

1928. JAN 31. FEB. 6, 9, 10, 14, 28, MAR. 1, 2, 9, 15, 20, 27, APR. 5, 9, 16, 25, MAY. 1, 8, 9, 14, 17, 25, 30. JUNE. 7, 12, 19, 26, JULY. 4, 9, 13, 19, 24, 31, AUG. 3, 6, 13, 21, 22, 29, SEPT. 3.

Total No. of Visits 40.