

STEEL STEAMER or MOTORSHIP.

Received at London Office

27 MAY 1931

State if Report has been sent on the Freeboard of the Vessel *Yes*State if Report is sent on the Machinery of the Vessel *Yes*Date of completion of report *23-4-31*Port of *Kobe*No. *7323*Survey held at *Tama*Date First Survey *30-2-1930*Last Survey *20-3-**1931*On the *(State if Machinery fitted Aft and if Single, Twin or Triple Screw)**Steel Single Screw Motor Ship "SHOHEI MARU"*State Type *(Full Scantling, Complete Superstructure with or without Tonnage Openings)**Full Scantling*State Type of Erections *P. B. F.*TONNAGE under Tonnage Deck... *6365.24*CLASS *+100 A1.*State if with freeboard as condition of Class *Yes*Built at *Tama*

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

total *6365.24*Gross Tonnage *7255.84*Register Tonnage *4413.26*

REGISTERED DIMENSIONS.

Length *437.*Breadth *58.*Depth *35.*Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) *L 435*Breadth (greatest moulded) *B 58*Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *D 35*1st Longitudinal Number (L x D) *= 15225*2nd Numeral L x (B + D) *= 40455*Framing Depth "d," at middle of length. See Sec. 3 (1d) *22.29*Proportions—Depth to Length—Uppermost continuous deck to top of keel *12.43*Do. Long Bridge to top of keel *10.18*Draught Moulded *25.75*Launched *24-1-1930* Yard No. *180*Builders *Mitsui Bussan Kaisha*Owners *Shimatani Kisen Kabushiki Kaisha*Managers *(Where necessary to be entered in Reg. Book.)*

Residence

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 3 1/2 .33	
" " from 1/3 length to Collision bulkhead	27		" " Reversed Frame	6 3 .38	
" " in peaks	24		" " Vertical Struts	6 3 .38	
DE FRAMING.			" " Vertical Struts	10 x 3 1/2 x 3 1/2 .42	
Frame Amidships, Angle, [or]	12 3 1/2 .56		Centre Girder, depth and thickness amidships	45 x 57 .46	
" " Extends up to	2nd Dk.		" " top Angles	Double 3 1/2 3 1/2 .54-50	
Reversed Frame Amidships, Angle	- - -		" " bottom Angles	6 6 .60	
" " Extends up to	- - -		Side Girders, No. each side and thickness	(2) see letter	Additional 1/2 girder Forward
Depth of Framing Girder	12"		Margin Plate depth (excl. of flange) and thickness	39 x 55 33 1/2	AFT END.
Frames in Uppermost Continuous 'tween Decks, Angle, [or]	8 3 1/2 .36		" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem	5 5 .45	
" " Second 'tween Decks, Angle, [or]	- - -		" " Vertical Angle to Tank side Bracket forward 1/4 len. from stem	6 6 .45	
" " Third " " " "	- - -		" " Gussets, spacing and scantling abaft 1/4 len. from stem	see letter	
Framing in Peaks, Angle or [	8 3 1/2 .44		" " Gussets, spacing and scantling forward 1/4 len. from stem	30" x .43 Continuous	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	7/8 6 dia side plating 7" Bolt.		Tank Side Brackets, height above base line at toe of Frame and thickness	see letter	
State if Frame Joggled	Joggled		INNER BOTTOM PLATING.		
FRAMING ARRANGEMENTS (Sec. 7), state system and particulars	Solid floors every frame with D.R. angle 3 side girders as approved.	see letter cable	Breadth and thickness of Middle Line Strake	1/2 IN ER .52 72" x .50-.42	
STRENGTHENING OF BOTTOM FORWARD. State Particulars	Floors at every frame, with D.R. angles	do see letter	Thickness of remainder in Holds	.45-.42	
DOUBLE BOTTOM. in No. 4 Hold wing tanks			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 (.52 IN ER)	
Floors, Depth and thickness at mid-line in Holds	45 x .46	do		9 3 1/2 .38	
Height of Brackets at side above base line at toe of frame	- - -			8 3 .44	
Middle Line Keelson, on Floors, Angles, [or]	3 1/2 3 1/2 .45		BEAMS.	8 3 .35	
" " Through Plate or Intercoastal Plate	45 x .57"		Uppermost Continuous Deck, amidships in Wells, Angle, E or [
" " Foundation Plate on Floors	- - -		" " in way of Bridge, Angle, E or [	9 3 1/2 .38	
" " Flat Plate Keel Angles	5 5 .60		Spacing	33 For 3/5 L every frame 27 For 3/5 L to Coll Bhd	
Side Keelsons, No. each side			Second Deck, amidships, Angle, E or [	9 x 3 1/2 .38 8 x 3 x .44 IN ER	
" " thickness of Intercoastal Plate			Spacing	33 4 27 every frame	
" " Angles			Third Deck, amidships, Angle, [or [
DOUBLE BOTTOM.			Spacing		
Solid Floors, thickness and spacing	45 in No. 4 Hold 56 in ER every frame.		Fourth Deck, amidships, Angle, [or [
" " Are Frame and Reversed Frame joggled?	Yes		Spacing		
Bracket Floors, breadth and thickness at middle line	34 x .44		Poop Deck, Angle, E or [	10 3 1/2 .38 9 3 1/2 .38	
" " breadth and thickness at margin plate	38 x .44		Spacing	alt frame in way of aft peak every frame elsewhere	
			Bridge Deck, Angle, E or [	8 3 .44-47 9 3 1/2 .38	
			Spacing	every frame	
			Forecastle Deck, Angle, E or [	10 3 1/2 .40	
			Spacing	alt frame	

PILLARS AND DECKS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
PILLARS. No. of Rows..... <i>Wide spaced</i>	<i>one + 3 Girders</i>		Stringer Plate, breadth and thickness in way of Bridge	<i>72 x .42 x .38</i>	
" in 'tween Decks, Size and Spacing.....			Thickness of Plating abreast Deck openings in way of Wells	<i>.37 x .34</i>	
" " " " " "	<i>As per</i>		Thickness of Plating abreast Deck openings in way of Bridge	<i>.42</i>	
" in Holds' " "	<i>approved plan</i>		Thickness of Plating within line of openings...	<i>.32, .34 x .42</i>	
" " " " " "			If Sheathed, material and thickness		
Centre Line Bulkhead.			Third Deck.		
Stiffeners and Spacing.....			Stringer Plate, breadth and thickness.....		
Plating, thickness of			If Plated, state thickness.....		
STRINGERS AND DECKS.			Fourth Deck.		
Uppermost Continuous Deck.			Stringer Plate, breadth and thickness.....		
Stringer Plate, breadth and thickness in Wells	<i>69 x .75 - .44</i>		If Plated, state thickness		
" " " " in way of Bridge	<i>69 x .13 - .35 x .41</i>		Poop Deck.		
" Angle in Wells	<i>6 6 .75</i>		Stringer Plate, breadth and thickness	<i>.37 x .36</i>	
Thickness of Plating abreast Deck openings in way of Wells	<i>.64 To .44 x .42</i>		Plating, Sheathing , material and thickness ...	<i>Steel .36</i>	
Thickness of Plating abreast Deck openings in way of Bridge	<i>.37</i>		Bridge Deck.		
Thickness of Plating within line of openings...	<i>.40 .36 x .34</i>		Stringer Plate, breadth and thickness.....	<i>66 x .51</i>	
If Sheathed, material and thickness			Plating, Sheathing, material and thickness ...	<i>Steel .44</i>	
Second Deck.			Forecastle Deck.		
Stringer Plate, breadth and thickness in Wells...	<i>72 x .40 To .35</i>		Stringer Plate, breadth and thickness.....	<i>35 x .36</i>	
			Plating, Sheathing, material and thickness ...	<i>Steel .36</i>	

SHELL PLATING.

SCANTLINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged?	SINGLE OR DOUBLE.	RIVETS. Diam. Spacing cr. to cr.	No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.	
	Breadth. Inches.	Thickness. Inches.	Thickness. Inches.	Thickness. Inches.						Diam. Inches.	Spacing cr. to cr. Inches.		
FLAT PLATE KEEL	66	.84	.74	.74		Double	1"	4"	Four	1"	4"	Lapped	
„ DBLG. (if any)													
BOTTOM PLATING, No. of Strakes ...3.....)		.68	.50	.52.50		Double	7/8	3 1/2	Four	7/8	3 1/2	do	
BILGE PLATING, No. of Strakes .....2.....)		.68	.50	.52.50		do	7/8	3 1/2	Four Three (cut off)	7/8	3 1/2	do	
SIDE PLATING, No. of Strakes .....3.....)		.67	.46	.49.46		do	7/8	3 1/2	Three	7/8	3 1/8	do	
UPPER DECK, Sheer-strake in Wells.....)		.83	.46	.49.46		do	1	4	Four	1	4	do	
UPPER DECK, Sheer-strake in Bridge ...)	66	.67				do	7/8	3 1/2	Three	7/8	3 1/8	do	
STRAKE BELOW Sheer-strake in Wells.....)	66	.70	.46	.49.46		do	7/8	3 1/2	Four	7/8	3 1/2	do	
STRAKE BELOW Sheer-strake in Bridge ...)	75	.67				do	7/8	3 1/2	Three	7/8	3 1/8	do	
POOP SIDE PLATING .....				.40		Single	3/4	3	Two	3/4	2 5/8	do
BRIDGE SIDE PLATING ...)		.61				Double	7/8	3 1/2	Four	7/8	3 1/2	do	
FOREC'TLE SIDE PLATING						Single	3/4	3	Two	3/4	2 5/8	do	

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	7
Extending to Upper Deck (Sec. 3 c)	6
„ Deck next below	1
As per Rule	7

		Plating Thickness.	STIFFENERS.	
			VERTICAL.	HORIZONTAL.
			Scantlings, Spacing.	Scantlings, Spacing.
MIDSHIP BULKH'D,	Upper tween decks	28-30	5 or 7 x 3 x 30 or 46	30 or 33 apart
	F No. 66			
"	" Second "			
"	" Third "			
"	" Holds	32-46	12 x 3 1/2 x 48	36 apart
COLLISION	" (in Hold)	32-48	11 x 3 1/2 x 50	33 or 34
AFTER PEAK	"	30-52	8 x 3 1/2 x 64	24 or 26

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar				
STEM				
STERN FRAME {				
Propeller Post				
Rudder "				
RUDDER—A × D				
Speed of Vessel				
RUDDER mainpiece at head				
" " heel				
" how constructed				
" double or single plate				
" coupling, vertical or				
" horizontal				

STEEL. Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *Open Hearth Ship Steel.*
M.M. Krupp. Mannesmannröhren - Werke. Dillinger Hütten Werke. Lanarkshire Steel Co.

Has the Steel been tested as required by the Rules? *Yes.*

EQUIPMENT NO. 43200												LETTER 6+	ANCHORS. 3B 1S.			
Number of Certificate.	Anchor.	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.				
2192	1st Bower	72	3	21	Stockless			55	5	-	-		Gruson Stockless	O. GRUSON & Co.	Dusseldorf 27-3-30 KH.	
2181	2nd "	72	1	0				55	-	-	-		"	"	"	"
2261	3rd "	65	1	10				51	5	-	-		"	"	"	11-7-30 KH.
	Collective weight.	210	2	3												
2183	Stream	20	3	13	5	3	6	21	10	1	7	207	Ordinary	O. GRUSON & Co.	Dusseldorf 27-3-30 KH.	

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.	Cir.
1729	304 1/16	2 3/8	10.5	142.1	896-1-15	844 1/4	300	2 3/8	Stud Link	Osaka Chain Works	Osaka 28+30th Aug. 1930 Y.Jo	TOWLINE	130	5 1/2	99
												HAWSERS & WARPS	2@100	8"	Manila 100 8
Iron Stream Chain or Steel Wire	120	5"		80.1			120	5	Wire R.	Tokio Seiko Kaisha	Nagasaki 4-2-31 TK.				

Steering Gear, Steam
Hele Shaw Electric
Steering Gear, Hand
Auxiliary, air motor

Boats
2 Boats + one Temma
Steering Chains, Size and Test
Windlass
Electric

Ceiling in Holds, thickness and material
2 1/2 O.P. on 2" beams
Cargo Battens, thickness, material and spacing
6 x 2" O.P. spaced 9" apart

Cargo Hatchways.-(Upper Deck)
Thickness of Hatches
2 1/2"

Size of No. 1 Hatchway (Forward)
27'-0" x 22'-0" No. 2 27'-6" x 22'-0" No. 3 33'-0" x 22'-0" No. 4 18'-6" x 22'-0" No. 5 27'-6" x 22'-0" No. 6 33'-0" x 22'-0" No. 7 27'-6" x 22'-0"

Number of Shifting Beams and/or Fore and Afters
Nos. 1, 2, 5, 7, hatches 4 off. no. 4 hatch 3 off. nos. 3 + 6 hatches 5 off.

Builder's Signature
S. Ukas

GENERAL DECLARATION. It should be stated (a) whether the vessel is fitted for the carriage and burning of oil used as fuel Yes (b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo Yes The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point.

This vessel has been built in accordance with the approved plans and instructions as well as with the printed Rules. The material and workmanship are good. The freeboard has been verified and cut in on the vessel's side. The double bottom and deep tanks, peak tanks, wells & Cofferdams, bulkheads, tunnels, weatherdecks & Scuppers, watertight doors, tarpaulines have been tested as required by the Rules. The requirements of section 20 of the Rules have been complied with & oil fuel is to be carried in Nos. 1, 2, 3, 4, 5, 6, 7 double bottom tanks, in deep tank forward of the Engine room and in the after wing tanks. In my opinion the vessel is entitled to the notations: "Fitted for carrying cargo oil (1931). F. point above 150°F. in deep tanks," "Fitted for oil fuel (1931) F. point above 150°F," "Lloyd's A & C.P," "Wireless & Electric light."

The amount of Entry Fee ¥ 100.- :
Special Survey Fee.... ¥ 5721.- :
This Board Survey & Assignment ¥ 195.- :
Travelling Expenses, if any ¥ 311.- :

Fees applied for, 1/4/1931
Received by me, 1/5/1931

I am of opinion the Vessel should be Classed + 100 A1 with Freeboard.
M. D. Buchanan & Self.
Kishigami
Surveyor to Lloyd's Register of Shipping.

State whether the Vessel has been built under Special Survey Yes
Certificate to be sent to Date of issue 12/6/31

Committee's Minute
FRI. 12 JUN 1931

Character assigned
+ 100A1 with freeboard
Carryng. cargo oil F.P. above 150°F in Deep Tanks.

Lloyd's A & C.P.
+ L.M.C. 3, 31 C.L.
Oil Eng. D.B. 100 lb.

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

© 2020 Lloyd's Register Foundation

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 & Deck plan.

Copies of certificates for Forgings & Castings.

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

1st Bower	48-0-4	KH.	2192, 27-3-30
2nd "	47-1-26	M.B.	2181, 11-3-30
3rd "	44-0-27	KH.	2261, 13-6-30.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 36.5 ft., R.Q.D. - ft., Bridge 165 ft., Forecastle 33 ft.
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated *not joined*

No. and Material of Decks (this information is to be given as it should appear in the Register Book) 2 dks steel

Official No. 36558 ; Signal Letters V. J. F. G.

particulars of composition. Cement. Is bottom of Vessel coated with cement. *Feed tanks, Rales & Bilges only* if not give

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	140'	@38 513	Fore peak tank,		
Double bottom, under Engines and Boilers,	29.5'		After peak tank,	35 cub. ft	100
Double bottom, if under Engines only,	208.		Deep tank, aft,		150
Double bottom, if under Boilers only,	375.5'	@38 753	Deep tank, forward,	38 cub. ft	808
Double bottom, forward,		1266	Other tanks, if fitted,		
Total capacity of double bottom			(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. 34

Date Sept. 5th 1929

Dates of Surveys held while building

1930
Feb. 30, March 4, April 28, May 12, 26, 27, June 7, 12, 27, July 4, 10, 15, 21, 24, 25,
Aug. 7, 20, Sept 8, 9, 22, 29 Oct 1, 6, 13, 14, 20, 21, 23, Nov. 5, 21 Dec. 1, 4, 9, 10, 12,
16, 1931 Jan 8, 10, 13, 14, 15, 17, 19, 21, Feb 2, 14, 16, 19, March 7, 9, 13,
16, 17, 18, 20.

Total No. of Visits 55.