

STEEL STEAMER or MOTORSHIP.

Received at London Office

7

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

6-5-27

Port of Kobe.No. 5653.Survey held at Lama.

Date First Survey

3rd Aug. 1926

Last Survey

27th March 1927

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

Single Screw Motorship "KOYASAN 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

1650

CLASS 100A1.

State if with freeboard as condition of Class

No.

Built at Lama.

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

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

L 275

Breadth (greatest moulded)

B 40.75

Total

1050

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

D 21.05

Gross Tonnage

1998

Register Tonnage

1133

1st Longitudinal Number (L x D) = 5786.00

2nd Numeral L x (B + D) = 16992.25

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

17.85

Proportions—Depth to Length—Uppermost continuous deck to top of keel

13.07

Do. Long Bridge to top of keel

9.64

Draught Moulded

18.00

Managers ✓

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

Residence Kobe.Port of Registry Kobe.

If surveyed while building, afloat, or in dry dock

Yes.

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.
ES, Spacing amidships	30		Bracket Floors, Frame	7x3x38	
" from $\frac{1}{2}$ length to Collision bulkhead	27		" " Reversed Frame	6 $\frac{1}{2}$ x3x38	
" in peaks	24		" " Vertical Struts	6 $\frac{1}{2}$ x3x38	
FRAMING.			Centre Girder, depth and thickness amidships	35x44-136	
ne Amidships, Angle \angle or \lceil	9x3 $\frac{1}{2}$ x42		" " top Angles	5x5x42 single, 3x3x42 D in ER + FE of $\frac{3}{4}$ L	
" Extends up to	Upper deck.		" " bottom Angles	3 $\frac{1}{2}$ x3 $\frac{1}{2}$ x46-44 double.	
ersed Frame Amidships, Angle			Side Girders, No. each side and thickness	6x1.33	
" Extends up to			Margin Plate depth (excl. of flange) and thickness	33x42. 22 at aft ends.	
th of Framing Girder			" " Vertical Angle to Tank side Bracket abaft $\frac{1}{2}$ len. from stem	3x3x32 single	
nes in Uppermost Continuous 'tween Decks, Angle, \lceil or \lceil			" " Vertical Angle to Tank side Bracket forward $\frac{1}{2}$ len. from stem	5x5x40 "	
" Second 'tween Decks, Angle, \lceil or \lceil			" " Gussets, spacing and scantling abaft $\frac{1}{2}$ len. from stem	L 3 $\frac{1}{2}$ x3 $\frac{1}{2}$ x38 every 30 F.	
" Third " " "			" " Gussets, spacing and scantling forward $\frac{1}{2}$ len. from stem	L 3 $\frac{1}{2}$ x3 $\frac{1}{2}$ x38 every F.	
ing in Peaks, Angles \lceil	6x3x30.		Tank Side Brackets, height above base line at toe of Frame and thickness	57x44	
eter and Spacing of Rivets through Frame and Shell Plating amidships	$\frac{7}{8}$. 5 $\frac{1}{4}$ P.		INNER BOTTOM PLATING.		
if Frame Joggled	Yes.		Breadth and thickness of Middle Line Strake	45x40-34	42 in ER.
NG ARRANGEMENTS (Sec. 7), state system and particulars	9x3 $\frac{1}{2}$ x42 frames with 4x3 $\frac{1}{2}$ x42 riv. ad side str.		Thickness of remainder in Holds	37-35	
STRENGTHENING OF BOTTOM FORWARD. 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.	
E BOTTOM.			BEAMS.		
rs, Depth and thickness at mid-line in Holds			Uppermost Continuous Deck, amidships in Wells, Angle, \lceil or \lceil	9x3 $\frac{1}{2}$ x40	
Height of Brackets at side above base line at toe of frame			" " in way of Bridge, Angle, \lceil or \lceil	9x3 $\frac{1}{2}$ x40	
He Line Keelson, on Floors, Angles, \lceil or \lceil			Spacing	30	
" " Through Plate or Intercostal Plate			Second Deck, amidships, Angle, \lceil or \lceil		
" " Foundation Plate on Floors			Spacing		
" " Flat Plate Keel Angles			Third Deck, amidships, Angle, \lceil or \lceil		
Keelsons, No. each side			Spacing		
" thickness of Intercostal Plate			Fourth Deck, amidships, Angle, \lceil or \lceil		
" Angles			Spacing		
LE BOTTOM.			Poop Deck, Angle, \lceil or \lceil	5x3x40 every F. 6x3x35 alt. F.	
sond Floors, thickness and spacing	33, 40, 30 in ER. Stiffened.		Spacing		
" " Are Frame and Reversed Frame joggled?	Yes.		Bridge Deck, Angle, \lceil or \lceil	5x2 $\frac{1}{2}$ x40	
Bracket Floors, breadth and thickness at middle line	27x37		Spacing	30	
" " breadth and thickness at margin plate	27x37		Forecastle Deck, Angle, \lceil or \lceil	7x3x36 6x3x34 27x24	
			Spacing		

EQUIPMENT No. 17841											LETTER R	ANCHORS. 3.8. 1.5.			
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.				
41955	1st Bower ...	39	0	16				35	4	0	7	35½	Britannic.	R Sykes & Son LTP	6-8-26 Cradley H. L.V. Paul.
41061	2nd „ ...	38	2	21				34	19	1	14		"	"	8-7-25 " " "
41769	3rd „ ...	32	1	0				30	6	1	0		"	"	30-3-26 " " "
	Collective weight	110	0	9								101			
42039	Stream	9	1	23	2	1	19	11	11	1	0	9½	Ordinary W.L.	"	27-8-26 " " "

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.	Statutory.	Break-ing.	Supplied.	Per Rule.	Length.	Diam.					Length.	Cir.		Length.	Cir.
	Fathoms.	Ins.	Tons.	Tons.	Cwts. qrs. lbs.	Cwts.	Fathoms.	Ins.					Fathoms.	Ins.	Tons.	Fathoms.	Ins.
39322	45	1 1/16	59.1	82.75	72-2-14	370.5	240	1 1/16	Steel Link.	Ryan's & Son LTP	Cradley Heath. 20-8-26 L.V. Paul.	TOWLINE...	90	3 1/2	83.6	90	3 1/2
29951	195	"	59.8	82.75	326-1-14				" " " "	" " " "	25-8-26 A. Jones.	HAWSERS & WARPS	90	6		90	6
Lean Steels or Galleons or Steel Wire	75	4		56.85			75	4	" " " "	TOKYO SEIKO	KOKURA 1A-127 HPB.	"	90	6		90	6
												"	90	5		90	5
													"	90	5		90

Steering Gear, ~~Steam~~ Electric-Hydraulic makers Hasted Greenock. Steering Gear, Hand Screw type.

Boats 2 lifeboats 24'-0" x 7'-6" x 3'-3" Steering Chains, Size and Test. Windlass Electric, makers Clark Chapman.

1 Lemna 18'-0"

Ceiling in Holds, thickness and material OP 2 1/2" 2" battens 2 1/2" under Cargo Battens, thickness, material and spacing 8" x 2" O.P. 8" spacing.

Cargo Hatchways.-(Upper Deck) Steel plates & angles. Thickness of Hatches 2 1/2"

Size of No. 1 Hatchway (Forward) 30'-3" x 16'-0" No. 2 30'-0" x 16'-0" No. 3 30'-0" x 16'-0" No. 4 30'-0" x 16'-0" No. 5 „ No. 6 „

Number of Shifting Beams and/or Engine and Acton No. 1 Live, No. 2 Live, No. 3 Live, No. 4 Live.

Builder's Signature L. M. K.

GENERAL DECLARATION This vessel has been constuctated under special survey & in accordance with the Rule requirements & approved plans. The materials & workmanship are sound & good.

The Double Bottom, weather deck, bulkheads & tunnel plating have been tested according to Rule & found satisfactory.

The requirements of Sect. 35 of the rules have been complied with & the vessel is in my opinion eligible for the notation "Fitted for oil fuel 3-27 (F.P. above 150° F.)" "pt. cem" Lloyd's "A. & C.P." "4 BH." with the incertions "Wireless & Electric Light" to be made in the Register Book

The amount of Entry Fee £ 50.00 : Fees applied for, 19

Special Survey Fee.... £ 2624.00 : Received by me, 8/6/27 £ 9/6

Travelling Expenses, if any £ 206.00 : „

State whether the Vessel has been built under Special Survey Yes Signature L. Kimber.

The Certificate to be sent to None Date of issue 11/5/27 Surveyor to Lloyd's Register of Shipping.

Committee's Minute FRI. 6 MAY 1927

Character assigned -1- 100 A1

Lloyd's ascl thine 3.27 CL

write K Oil. Eng. DB 80/6

Mly

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 pillars as per approved plan.</i>						Stringer Plate, breadth and thickness in way of Bridge				✓	
" in 'tween Decks, Size and Spacing.....						Thickness of Plating abreast Deck openings in way of Wells				✓	
" " " " "						Thickness of Plating abreast Deck openings in way of Bridge				✓	
" in Holds " " "					<i>as per plan</i>	Thickness of Plating within line of openings...				✓	
" " " " "					<i>as per plan.</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				45	44-70	If Plated, state thickness				✓	
" " " " in way of Bridge				45	34	Poop Deck.					
" Angle in Wells				4 x 4 x .44		Stringer Plate, breadth and thickness				26	32
				5 x 5 x .56		Plating, Sheathing , material and thickness				32	34
Thickness of Plating abreast Deck openings in way of Wells				34	37	Bridge Deck.					
Thickness of Plating abreast Deck openings in way of Bridge				30	37	Stringer Plate, breadth and thickness.....				44	40
Thickness of Plating within line of openings...				34		Plating, Sheathing , material and thickness				30	37
If Sheathed, material and thickness				✓		Forecastle Deck.					
Second Deck.						Stringer Plate, breadth and thickness				26	34
Stringer Plate, breadth and thickness in Wells...				✓		Plating, Sheathing , material and thickness				34	

SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if jogged?			BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		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	45	.58	.54	.54		Double	7/8	3 1/2	Three	7/8	3 1/2	Lapped
" DBLG. (if any)	✓	-	-	-		-	-	-	-	-	-	-
BOTTOM PLATING, No. of Strakes THREE..	67-72	.52	.40	.52	46	Double	7/8	8 in. F.S.	Three	7/8	3 1/2	Lapped
BILGE PLATING, No. of Strakes ONE..	67	.52	.40	.46		"	"	"	"	"	"	"
SIDE PLATING, No. of Strakes THREE..	66-67	.52	.40	.46		Single	"	"	"	"	"	"
UPPER DECK, Sheer-strake in Wells.....	48	.62	3 1/2 L.			Double	"	"	Four	"	3 1/2	"
UPPER DECK, Sheer-strake in Bridge ...	38	.56	doubt at ends of bridge.			Single	"	"	Three	"	3 1/2	"
STRAKE BELOW Sheer-strake in Wells.....	48	.52				"	"	"	"	"	"	"
STRAKE BELOW Sheer-strake in Bridge ...	69	.56	3 1/2 L.			"	"	"	"	"	"	"
POOP SIDE PLATING	67	.52				"	"	"	"	"	"	"
BRIDGE SIDE PLATING	45	.32				"	5/8	2 1/2	One	5/8	2 1/2	"
FORECASTLE SIDE PLATING	47 & 51	.44				Single & Double at ends	3/4	9 in. F.S.	Three	3/4	2 5/8	"
	45 & 49	.34				"	5/8	2 1/2	One	5/8	2 1/2	"

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—			
Extending to Upper Deck (Sec. 3 c)	Four.		
" Deck next below	✓		
As per Rule	Four.		

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar				
STEM	Forging	7 1/2 x 2 1/2	Kobe S.I.L. Works	
STERN FRAME	Propeller Post	C.S. 8 1/2 x 5 1/2	NIPPON	
	Rudder	7 1/2 x 5 1/2	SEIKOSHO LTD.	
RUDDER—A x D		240.95		
Speed of Vessel		11 knots.		
RUDDER mainpiece at head	Forging	7 1/2 x 5 1/2		
" " heel	"			
" how constructed	Built			
" double or single plate	Single			
" coupling, vertical or horizontal	Vertical			

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULK'D , Upper tween decks	✓				
" " Second	✓				
" " Third	✓				
" " Holds		26-36	58 x 3 x .52	30"	
COLLISION (in Hold)		26-46	9 x 3 1/2 x .38	24"	
AFTER PEAK		30-50	9 x 3 1/2 x .46	24"	

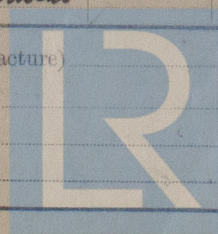
Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)

STEEL.

Imperial Steel Works Yawata.

Open Hearth process

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



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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 the Plans should be embodied.)

- Plans (1) Midship Section.
(2) Construction, deck & profile.
(3) General arrangement.

Logging & Casting Cert. 331. Stern Frame.

336. Rudder & fittings.

Remainder of copies of certificates retained for Nos 132-4 ships.

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	24.3.2	K.H.	2933	27-5-26
	2nd "	23.1.16	K.H.	3210	13-11-26
	3rd "	14.2.23	K.H.	3513	30-6-25

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 26.5 ft., R.Q.D. ✓ ft., Bridge 62.25 ft., Forecastle 29.0 (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 dk. (stl)

Official No. 32636; Signal Letters T.W.P.R.
particulars of composition Cement.

O.F. TANKS - bare stl. Bilges Pecks & Ballast tanks
Is bottom of Vessel coated with cement ✓ if not g
Cell R.B.

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	91	179.	Fore peak tank,	14.0	44.0
Double bottom, under Engines and Boilers,	23.5	54.	After peak tank,	13.0	36.0
Double bottom, if under Engines only,	✓		Deep tank, aft,	✓	
Double bottom, if under Boilers only,	✓		Deep tank, forward,	✓	
Double bottom, forward,	109	223	Other tanks, if fitted,	✓	
Total capacity of double bottom		956	(If necessary, furnish further information by sketch.)		

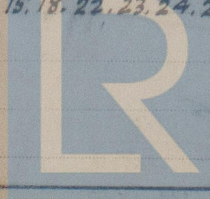
* The wells are not to be included in the lengths of the tanks.

Order for Special Survey No. 13.

Date 21-12-25

Dates of Surveys held while building

1926 Aug. 3. Sept 16. Nov. 3. 10. 17. 25. DEC. 8. 12. 20. 1927 Jan. 8. 12. 14. 20. 25. 28. 29.
FEB. 5. 6. 9. 17. 21. 26. MARCH. 2. 4. 14. 15. 18. 22. 23. 24. 28



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Total No. of Visits 31.