

RECEIVED

19 MAR 1952

IN D.O.

STEEL STEAMER OR MOTORSHIP.

18 MAR 1952

Received at London office



mky

State if Report has been sent on the Freeboard of the Vessel

State if Report is sent on the Machinery of the Vessel

Date of completion of report

16 NOVEMBER 1951

Port of

Kobe

No.

605.
569.

415

Survey held at

OSAKA

Date First Survey

26 DEC 1950

17 SEPT.

19 51

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

SINGLE SCREW

M.V.

KENRYU MARU

(ENG. AIDS.)

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

FULL SCANTLING

State Type of Erections

P. B. & F

TONNAGE under Deck...

4254.47

CLASS

State if with freeboard as condition of Class

No

Built at

OSAKA

pace or spaces Tonnage Dk. Upper Dk.

4254.47

age

4978.61

nnage

3284.36

STERED DIMENSIONS.

FEET

382.91

54.12

29.59

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

L 377.2

Breadth (greatest moulded)

B 54.12

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

D 29.57

1st Longitudinal Number (L x D)

=

2nd Numerical L x (B + D)

=

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

29.57

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

12.75

Do. Long Bridge to top of keel

10.10

Draught Moulded

JG. SOMER 7.3654

LUMBER 7.7064

Launched

7 JULY 1951 Yard No. 25

Builders

FUJINAGATA S.B. CO. LTD.

Owners

INUI KISEN CO. LTD.

Managers

3 KAIKANDORI

(Where necessary to be entered in Reg. Book)

Residence

IKUTA KU. KOBE

Port of Registry

Kobe JAPAN

If surveyed while building, afloat, or in dry

dock WHIST BUILDING. UNDOCKED 9/51.

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	825		Bracket Floors, Frame	8A 180 75 9.5	
„ from $\frac{3}{8}$ length amidships to Collision bulkhead	685		„ „ Reversed Frame	T 150 90 9	
„ in peaks	610		„ „ Vertical Struts	E 200 90 8.5	
FRAMING.			Centre Girder, depth and thickness amidships	(1030) 1040 13	
ne Amidships, Angle [or]	260 90 14.5		„ „ top Angles	FLAT BAR 160 11	
„ Extends up to	2 nd DE.		„ „ bottom Angles	WELDED	
d Frame Amidships, Angle			Side Girders, No. each side and thickness	ONE 9	
„ Extends up to			Margin Plate depth (excl. of flange) and thickness	860 13	
of Framing Girder	260		„ „ Vertical Angle to Tank side Bracket abaft $\frac{1}{2}$ len. from stem	90 12 FB	
in Uppermost Continuous 'tween Decks, Angle, [or]	180 75 9.5		„ „ Vertical Angle to Tank side Bracket from forward $\frac{1}{2}$ len. from stem to Panting Area	130 12 FB	
„ Second 'tween Decks, Angle, [or]			„ „ Gussets, spacing and scantling abaft $\frac{1}{2}$ len. from stem	AT EVERY FR. 550 x 11.5 12	
„ Third „ „ „			„ „ Gussets, spacing and scantling from forward $\frac{1}{2}$ len. from stem to Panting Area	CONTC. 730 x 11.5 750 x 11	
from $\frac{1}{2}$ len. for'd. to 15% len. from Stem	300 90 10.5		Tank Side Brackets, height above base line at toe of Frame and thickness	1650 12	See letter 2/4/52
in peaks, Angle or [200 90 10		INNER BOTTOM PLATING.		
er and Spacing of Rivets through Frame and Shell Plating amidships	22.5 6mm		Breadth and thickness of Middle Line Strake	1280 12	
f Frame Joggled	Yes		Thickness of remainder in Holds	11	
scantlings and arrangements in the Ang Area in accordance with the Rules or as approved?	Yes		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	
scantlings and arrangements in way ne Bottom Forward in accordance with Rules and/or as approved?	Yes		BEAMS.		
BOTTOM.			Uppermost Continuous Deck, amidships in Wells, Angle, [or]	200 90 8.5	
s, Depth and thickness at mid-line in Holds			„ „ in way of Bridge, Angle, [or]	200 90 10	
Height of Brackets at side above base line at toe of frame			Spacing	825	
Line Keelson, on Floors, Angles, [or]			Second Deck, amidships, Angle, [or]	200 90 8.5	
„ „ Through Plate or Inter-costal Plate			Spacing	825	
„ „ Foundation Plate on Floors			Third Deck, amidships, Angle, [or]		
„ „ Flat Plate Keel Angles			Spacing		
Side Keelsons, No. each side			Fourth Deck, amidships, Angle, [or]		
„ „ thickness of Intercoastal Plate			Spacing		
„ „ Angles			Poop Deck, Angle, [or]	125 75 10	
DOUBLE BOTTOM.			Spacing	610	
Solid Floors, thickness and spacing	10.5 2.475 10 STIFF		Bridge Deck, Angle, [or]	180 75 9.5	
„ „ Are Frame and Reversed Frame joggled?	WELDED		Spacing	825	
Bracket Floors, breadth and thickness at middle line	850 10 FL 75		Forecastle Deck, Angle, [or]	150 90 9	
„ „ breadth and thickness at margin plate	900 10 FL 75		Spacing	610	

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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	2				
" in 'tween Decks, Size and Spacing	200 x 11				
" " " " "	10-7 25 4		See plan		
" in Holds " " "	430 x 16				
" " " " "	10-7 25 4				
Centre Line Bulkhead.					
Stiffeners and Spacing					
Plating, thickness of					
STRINGERS AND DECKS.					
Uppermost Continuous Deck.					
Stringer Plate, breadth and thickness in Wells	1800 x 20		Appd 21 See letter 20/6/52		
" " " " in way of Bridge	1800 x 12				
" Angle in Wells	200 200 25				
Thickness of Plating abreast Deck openings in way of Wells	20				
Thickness of Plating abreast Deck openings in way of Bridge	9				
Thickness of Plating within line of openings	10				
If Sheathed, material and thickness					
Second Deck.					
Stringer Plate, breadth and thickness in Wells	9				
Stringer Plate, breadth and thickness in way of Bridge					
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					
Peop Deck.					
Stringer Plate, breadth and thickness	7				
Plating, Sheathing, material and thickness					
Bridge Deck.					
Stringer Plate, breadth and thickness	1800 13				
Plating, Sheathing, material and thickness	11 No				
Forecastle Deck.					
Stringer Plate, breadth and thickness	8				
Plating, Sheathing, material and thickness	8 No				

SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.			STRAPP LAPP
	AMIDSHIPS.		FORWARD	AFT.		State if jogged?	No	No. OF Rows OF RIVETS.	RIVETS.			
	Breadth.	Thickness.	Thickness.	Thickness.					Diam.	Spacing cr. to cr.		
	Inches.	Inches.	Inches.	Inches.							Inches.	
Flat Plate Keel	1260	19.5	19.5	19.5		DR	22	92	WELDED			
„ Dblg. (if any)		/					/					
Bottom Plating, No. of Strakes 4		16	17	11		DR	22	92	“			
Bilge Plating, No. of Strakes 1		16	14	11		DR	22	92	“			
Side Plating, No. of Strakes 4		16	11	11		DR/WELDED	22	92	“		8/82 103	
Upper Deck, Sheer- strake in Wells	1500	20	11	11	See letter 20/6/52	DR	25	103	“			
Upper Deck, Sheer- strake in Bridge		16	-	-		DR	22	92	“		9/82	
Strake below Sheer- strake in Wells		16	-	-								
Strake below Sheer- strake in Bridge		16	-	-								
Peop side Plating		9	-	-								
Bridge Side Plating		15	-	-								
Forecastle Side Plating		10	-	-								
						EW. See letter dated 20/6/52	19				8/610 76	
						SR	22				9/610	
						SR	19					

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—

Extending to Upper Deck (Sec. 3c) 6

Deck next below

As per Rule 6

STIFFENERS.

	Plating Thickness.	VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHD, Upper 'tween decks	7	100 x 75 x 7 1/2	800		
" " Second "					
" " Third "					
" " Holds No 77	8/11	250 x 90 x 9 1/2	800		
COLLISION " (in Hold)	8/13	125 x 75 x 10 1/2	640	STRINGERS	
AFTER PEAK "	8/13	150 x 90 x 9 1/2	640	STRINGERS	

FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any from Plans
KEEL, Bar				
STEM Below 9' w.a.	C.S.	35 1/2		
STERN FRAME Propeller Post				
" Rudder	C.S.	As Plan	Kobe	
Speed of Vessel		13.5		
RUDDER—Type		BALANCED.		
" A x D		29 8 1/2 x 3		
" Diam. of head		260 1/4		
" Mainpiece at top pintle	C.S.	As Plan		
" " heel	C.S.			
" how constructed		WELDED		
" double or single plate		DOUBLE.		
" coupling, vertical or horizontal		HORIZONTAL.		

STEEL.

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

OPEN HEARTH. YAHATA. - KANASAKI - HIROHATA

Has the Steel been tested as required by the Rules?

YES.

Lloyd's Register Foundation

ANCHORS

CHAIN CABLES.

HAWSERS AND WARPS.

Steering Gear, Type (Power or hand) ELECTRIC / HYDRAULIC (HELIHAN) Alternative Means of Steering HAND

teering Chains (Size and Test) 1 Windlass ELECTRIC 60 HP. DC Beats WATER

is, thickness and material 65 1/4 CEILING ON 50% SLEEPER (PINE) Cargo Battens, thickness, material and spacing 50% PINE 230%

ys. - (Upper Deck) STEEL PLATES & ANALES. Thickness of Hatches 60 1/4" & steel
FLECK UPPER DX.

ways No. 1 (Fwd) 6850×6400 No. 2 21450×6400 No. 3 11550×6400 No. 4 11550×6400 No. 5 No. 6

hitting Beams }
and Afters } MACGREGOR ✓ MACGREGOR ✓ 8 ✓ 8 ✓

Builder's Signature Sakae Umemura
MASTER OF FUJINAGATA SHIPBUILDING CO. LTD.,
OSAKA, JAPAN

NOTATION. It should be stated (a) whether the vessel (if not a motorship) is fitted for the carriage and burning of oil used as fuel. MOTORSHIP
 (b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo. No The positions in which oil is carried as fuel or cargo should be stated, together with the flash point (where required to be inserted in the Notation).

SHIP HAS BEEN BUILT UNDER SPECIAL SURVEY IN CONFORMITY WITH THE SOCIETY'S RULES
THE SECRETARY'S LETTERS. THE SCANTLINGS & ARRANGEMENTS OF THE SHIP ARE AS
IN THE REPORT AND AS SHOWN ON THE APPROVED, AMENDED AND AS FITTED
NOW FORWARDED. ALL MODIFICATIONS OR ADDITIONS TO THE ORIGINAL
VED ARRANGEMENTS MADE DURING CONSTRUCTION HAVE BEEN INDICATED ON THE
AND HAVE BEEN APPROVED AS BEING IN ACCORDANCE WITH OR BY STANDARDS
EQUivalent TO THE RULE REQUIREMENTS. THE PLANS OF MIDSHIP SECTION, AND
OF 8 DECK SHOWING THE SHIP AS BUILT NOW FORWARDED HERewith HAVE BEEN
CHECKED WITH THE APPROVED ARRANGEMENTS AND FOUND TO BE IN ORDER.

MATERIALS & WORKMANSHIP ARE GOOD. THE PEAK TANKS, W.B. TANK, & ALL DOUBLE
 TANKS HAVE BEEN TESTED AS REQUIRED BY THE RULES & FOUND SATISFACTORY.
 W/T. BULKHEADS & DECKS HAVE BEEN MORE TESTED & FOUND SATISFACTORY.

Entry Fee	£ 1545-4-0	Fees applied for,	
Special Survey Fee	£ 1008-4-6		
Other Expenses, if any	£ 1,555,544	Received by me,	

(Special notations, where part of class, to be stated.)

We are of opinion the Vessel should be Classed **+** 100 A1

the Vessel has been built under Special Survey Yes
 be sent to Kobe OFFICE in duplicate Date of issue 10/31/52
 Signature Reinald H. H. L. Wayam
 Surveyor to Lloyd's Register of Shipping.

Minute _____
 Signed _____
 FRI 30 MAY 1952
 VERIFICATION WRITTEN

+100A1
 9.51 Rob.
 Lloyd's A. & C.P.
 li Rob. (h).
 +LMC 9.51 Del Eng.
 C.L.
 DB 100/ba.
 note for S.R.L.
 008773-008777-0083 24

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).

THE FREEBOARD HAS BEEN ASSIGNED BY THE JAPANESE GOVERNMENT. THE STEERING GEAR & WINDLASS HAVE BEEN TESTED WITH SATISFACTORY RESULTS. OF FLASH POINT ABOVE 150° F IS CARRIED IN NOS 1, 2, 3, 5 & 6 DOUBLE BOTTOM TANKS.

THE FOLLOWING PLANS ACCOMPANY THIS REPORT:-

AS APPROVED:-

MIDSHIP SECTION

PROFILE & DECK.

AS BUILT:-

SHELL EXPANSION,

WATERTIGHT BULKHEADS

DECK PLANS (SHOWING PILLARS & GIRDERS)

PILLARS (WIDELY SPACED)

BOW FRAMING

FORW. D.B. & AFT D.B.

RUBBER & STERNFRAME

E. ROOM D.B.

STERN FRAMING

MARGARET HATCHES.

PUMPING ARRANG.

AS FITTED:-

GENERAL ARRANG.

SECTION

PROFILE/DECK.

CAPACITY PLAN.

THE FOLLOWING FORGING & CASTING CERTS. HEREWITH:- STERNFRAME. RUDDER FRAME. TILLER

PROVISIONAL CLASSIFICATION CERTIFICATE ISSUED - COPY ATTACHED.

PARTICULARS OF ELECTRIC WELDING (if employed) SHELL BUTTS, DECKS, SUPERSTRUCTURE BEAMS, DOUBLE BOTTOM, INNER BOTTOM PLATING, BULKHEADS, CABINETS & DECK HOUSES. ARE ELECTRICALLY WELDED USING ELECTRODES APPROVED BY THE SOCIETY FOR EACH PURPOSE & METHODS APPROVED & TO THE SATISFACTION OF THE UNDERSIGNED.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book

CRUISER STERN LLOYDS A & C.P. D.F.

CY. E.S. W.T. PART ELECTRICALLY WELDED.

CARRYING OF F.P. ABOVE 150° F.

RADAR Equipment (State if fitted) Yes

State Type or Pattern No. SPERRY MARINE

State Maker SPERRY CO.

Name and/or of Supplier TOKYO KEIKO CO.

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	cwt.	gr.	lbs.	KN	Y.	1600	16/4/51
	2nd "	37	3	8	KN	Y	1601	16/4/51
	3rd "	38	0	24	KN	Y	1602	16/4/51
	STRENGTH.	16	1	9	KN	Y	1603	28/4/51

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 27.0 ft., R.Q.D. ft., Bridge 86.6 ft., Forecastle 83.81

(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated No.

Official No. 67584 Signal Letters J.J.S.P. Extreme Breadth over Belting 54.42' Over all Length 403.6' (Circ. 1611) (Circ. 1703)

No. and Material of Decks TWO. STEEL.

Parts of Bottom of Vessel coated with cement or approved composition NO 4 F.W.T. COATED CEMENT WASH. ONLY.

Particulars of composition (if fitted) and of approval

PARTICULARS OF WATER BALLAST:—(Comprising all tanks which may be used for Water Ballast. (Circ. 1284) Wells are not to be included in the lengths of the tanks, but Cofferdams and Dry Tanks (if tested) are to be included.)

Where Fitted	Length. Feet.	Water Capacity. Tons.	Where Fitted	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	110.98		Fore peak tank,	23.8	
Double bottom, under Engines and Boilers,			After peak tank,	19.0	
Double bottom, if under Engines only,	51.427		Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	154.92		Other tanks, if fitted, W.B. IN C. STERN.	12.9	
Total length (if continuous) and Capacity	317.33		(If necessary furnish further information by sketch)		
F.W. IN NOS 4 TANK & E.R. D.B. FEED.	48.724				

Order for Special Survey No.

Date:

Dates of Surveys held while building

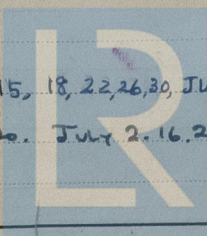
R.I. 10 APR. 28 MAY. 10 JULY. 17 SEPT. 1951.

9.9.51. 10 MAY. 1951

K.V. MAY 14, 16, 19, JUNE 1, 4, 8, 12, 13, 15, 18, 22, 26, 30, JULY 3, 4, 5, 19, 20, 21, 26, AUG. 29

J.N. MAY. 18, 22, 24, 29, 30 JUNE 7, 9, 20. JULY 2, 16, 24. SEPT. 5, 16.

Total No. of Visits 39



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