

STEEL STEAMER OR MOTORSHIP.

Received at London office 9-AUG 1956

27 AUG 1956 DISCLOSED
SECTIONDISCLOSED
SECTION

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 No. Port of Nagasaki (Shimonoseki) No. 570

Survey held at Nagasaki Date First Survey 24th. December 1955 Last Survey 7th. June 1956

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) Single Screw Motorship "K O S O H M A R U"

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) Complete superstructure without tonnage opening. State Type of Erections Forecastle

TONNAGE under Tonnage Deck... 8104.30

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

Total 8104.30

Gross Tonnage 9204.74

Register Tonnage 5349.95

CLASS 100 A.1. State if with freeboard as condition of Class Yes

Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) 459.32

Breadth (greatest moulded) B 63.65

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 40.03

1st Longitudinal Number (L x D) = -

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

Framing Depth "d," at middle of length. See Sec. 3 (1d) 17.39

Proportions — Depth to Length — Uppermost continuous deck to top of keel 11.47

Do. Long Bridge to top of keel -

Draught Moulded (Summer Fbd. 11.39') 28.65

Built at Nagasaki

Launched 27th. March 1956 Yard No. 1465

Builders Mitsubishi Zosen K.K.

Owners Daido Kaiun K.K.

Managers -

(Where necessary to be entered in Reg. Book)

Residence -

Port of Registry Kobe

If surveyed while building, afloat, or in dry dock While building

REGISTERED DIMENSIONS.
FEET

469.5

63.7

40.0

FRAMES, DOUBLE BOTTOM AND BEAMS.

	INCHES IN SHIP. mm.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP. mm.	Any Departure from Approved Plans to be Noted.
AMES, Spacing amidships	800	/	Longitudinal		
„ „ from $\frac{3}{8}$ length amidships to Collision bulkhead	685	/	Bracket Floors, Frame - Bulb plate	230 x 11	Spaced 875
„ „ in peaks	610	/	Inner bottom longitudinals	210 x 11	
DE FRAMING.			„ „ Reversed Frame B. Pl.	250 x 90 x $\frac{9}{16}$	Ch. /
Frame Amidships, Angle, E or F	300 x 90 x $\frac{10}{16}$ Inv. angle	/	Centre Girder, depth and thickness amidships	1500 x 13.5	/
„ „ Extends up to	3rd Dk.	/	„ „ top Angles	Welded	/
Reversed Frame Amidships, Angle	-	/	„ „ bottom Angles	Welded	/
„ „ Extends up to	-	/	Side Girders, No. each side and thickness	One, 9.5	/
Depth of Framing Girder	300	/	Margin Plate depth (excl. of flange) and thickness	1020 x 14	/
AMES in Uppermost Continuous 'tween Decks, Angle, E or F	200 x 10 B. Plate	/	„ „ Vertical Angle to Tank side Bracket abaft $\frac{1}{4}$ len. from stem	Welded	/
„ „ Second 'tween Decks, Angle, E or F	230 x 12 B. Plate in way of transverses	/	„ „ Vertical Angle to Tank side Bracket from forward $\frac{1}{4}$ len. from stem to Panting Area	Welded	/
„ „ Third „ „ „	230 x 12 B. Plate	/	„ „ Gussets, spacing and scantling abaft $\frac{1}{4}$ len. from stem	12.5 x 400	/
„ „ from $\frac{1}{2}$ len. for'd. to 15% len. from Stem	300 x 12 web with 150 x 12 face bar	/	„ „ Gussets, spacing and scantling from forward $\frac{1}{4}$ len. from stem to Panting Area	12.5 x 400	/
„ „ in peaks, Angle or F	230 x 12 B. Plate	/	Tank Side Brackets, height above base line at toe of Frame and thickness	1550 x 12.5	/
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	Welded	/	INNER BOTTOM PLATING.		
State if Frame Joggled	Upper tween deck only	/	Breadth and thickness of Middle Line Strake	1370 x 13	/
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	Yes	/	Thickness of remainder in Holds	11.5	/
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/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	/
DOUBLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds			Uppermost Continuous Deck, amidships in Wells, Angle, E or F	140 x 90 x 12 Inv. angle long. with	
Height of Brackets at side above base line at toe of frame			„ „ in way of Bridge, Angle, E or F	300 x 90 x $\frac{12}{16}$ Inv. angle trans.	
Middle Line Keelson, on Floors, Angles, E or F			Spacing Longl.	875 Trans 2400	/
„ „ Through Plate or Intercoastal Plate	None	/	Second Deck, amidships, Angle, E or F	250 x 12 B. Plate	/
„ „ Foundation Plate on Floors			Spacing	800	/
„ „ Flat Plate Keel Angles			Third Deck, amidships, Angle, E or F	230 x 12 B. Plate	/
Side Keelsons, No. each side			Spacing	800	/
„ „ thickness of Intercoastal Plate			Fourth Deck, amidships, Angle, E or F		
„ „ Angles			Spacing	None	/
DOUBLE BOTTOM.			Poop Deck, Angle, E or F		
Solid Floors, thickness and spacing	11.5 @ 2400	/	Spacing		
„ „ Are Frame and Reversed? Frame joggled?	Welded	/	Bridge Deck, Angle, E or F Inv. angle	125 x 75 x 7	/
Bracket Floors, breadth and thickness at middle line	875 x 10.5	/	Spacing	150 x 90 x 9	/
„ „ breadth and thickness at margin plate	800 x 11	/	Forecastle Deck, Angle, E or F	200 x 10 B. Plate	/
			Spacing	685/610	/

PILLARS AND DECKS.
PILLARS, No. of Rows
in 'tween Decks, Size and Spacing
in Holds
Centre Line Bulkhead.
Stiffeners and Spacing
Plating, thickness of
STRINGERS AND DECKS.
Uppermost Continuous Deck.
Stringer Plate, breadth and thickness in
Wells
Bridge
Angle in Wells
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
Second Deck.
Stringer Plate, breadth and thickness
in Wells

SHELL PLATING.
SCANTLINGS.
STRAKES.
Flat Plate Keel
Dblg. (if any)
Bottom Plating, No. of
Strakes
Bilge Plating, No. of
Strakes
Side Plating, No. of
Strakes
Upper Deck, Sheer-
strake in Wells
Upper Deck, Sheer-
strake in Bridge
Strake below Sheer-
strake in Wells
Strake below Sheer-
strake in Bridge
Poop side Plating
Bridge Side Plating
Forecastle Side Plating
RIVETING.
EDGES.
No
State if jogged?
SINGLE OR DOUBLE
RIVETS.
Diam.
Spacing
No. OF ROWS OF RIVETS.
BUTTS.
RIVETS.
Diam.
Spacing
STRAPPED OR LAPPED.

WATERTIGHT BULKHEADS.
Total No. of W.T. BULKHEADS in Vessel-
Extending to Upper Deck (Sec. 3c)
Deck next below
As per Rule
STIFFENERS.
VERTICAL.
HORIZONTAL.
MIDSHIP BULKHEAD, Upper 'tween decks
Second
Third
Holds
COLLISION (in Hold)
AFTER PEAK
Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)
Has the Steel been tested as required by the Rules?

EQUIPMENT No. 4544 Metric
LETTER et
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.

CHAIN CABLES.
HAWERS 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 specified
Breaking Test of Steel Wire
Length and Size per Table 53.

Steering Gear, Type (Power or hand)
Steering Chains (Size and Test)
Ciling in Holds, thickness and material
Cargo Hatchways. (Upper Deck)
Size of Hatchways No. 1 (Fwd)
Number of Shifting Beams and/or Fore and Afters
Builder's Signature

GENERAL DECLARATION.
It should be stated (a) whether the vessel (if not a motorship) is fitted for the carriage and burning of oil used as fuel
(b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo
This ship has been built under Special Survey in conformity with the Society's Rules and Regulations and the Secretary's letters.
The scantlings and arrangements of the vessel are as given in the report and as shown on the "Approved" plans, and on the "As built" plans now forwarded.

FORGINGS AND CASTINGS.
KEEL, Bar
STEM
STERN FRAME
Propeller Post
Rudder
Speed of Vessel
RUDDER-Type
A x D
Diam. of head
Mainpiece at top pintle
heel
how constructed
double or single plate
coupling, vertical or horizontal
The amount of Entry Fees per scale
Less Special Rebate of 33 1/3%
Actual Charge Made
Special Survey Fee
Travelling Expenses, if any
I am of opinion the Vessel should be Classed
Signature
Date of issue
Committee's Minute
Character assigned
Carrying vegetable oil in deep tanks aft.

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).

Sister vessel - M.S. "KOCHU MARU", Nagasaki Yard No. 1445. Shimonoseki Report No. 450

"Kosoh Maru" - Loadline assigned by the Japanese Government.
Examined in dry-dock 25th. May 1956, vessel undocked 28th. May 1956.

For "Approved" Midship Section and Profile and Deck plans please see "Approved" plans forwarded with First Entry report on sister vessel "KOCHU MARU"

The following "As built" plans are forwarded with this report :-

Midship Section
Const. Profile and Decks (Sheets 1 & 2)
W.T. and O.T. Bulkheads
Double Bottom (Sheets 1 & 2)
After Peak
Fore Peak
Shell Expansion
Sternframe, Rudder.
Location & particulars of P.403 plating.
Capacity plan, & General Arrangement.
Pumping Plan.

The following forging and casting certificates are forwarded with this report :-

Sternframe.
Rudder stock, Upper & Lower castings for rudder.
Steering gear crosshead. Tiller.

PARTICULARS OF ELECTRIC WELDING (if employed)

The vessel is of all welded construction with the exception of the following rivetted connections :- Upper deck stringer angle, sheerstrake seams, common seam of side shell strakes G/H, seams of bilge strakes and keel plating, and foundation connection at ends of midship deckhouse.

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

Part electrically welded, Cruiser stern, Lloyds A & C.P., D.F., E.S.D., Radar, Gyro compass, Carrying vegetable oil in deep tanks aft, Longitudinal framing at bottom and at Upper deck.

RADAR Equipment (State if fitted Yes
State Type or Pattern No. Sperry Mk. 2 Model
State Maker Tokyo Keiki K.K.
Name and/or of Supplier Tokyo

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

1st Bower	55 cwt.	1 gr.	27 lb.	/ K.N.	Y. 7652	31/1/56
2nd "	55 cwt.	0 gr.	11 lb.	/ K.N.	Y. 7653	31/1/56
3rd "	55 cwt.	1 gr.	5 lb.	/ K.N.	Y. 7651	31/1/56

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop - ft., R.Q.D. - ft., Bridge - ft., Forecastle 33.83 ft.
(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated

Official No. 74516 Signal Letters J N I H Extreme Breadth over Belting 63'-9 1/2" Over all Length 496.1 (Circ. 1703)
No. and Material of Decks 3 steel (except in Nos. 4 & 6 Holds) Rise of floor 6.69" (170 mm.)

Parts of Bottom of Vessel coated with cement or approved composition Fore peak, after peak, and feed water tank in machinery space double bottom.

Particulars of composition (if fitted) and of approval None

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.		Water Capacity.	Where Fitted.	Length.		Water Capacity.
	Feet.	Tons.			Feet.	Tons.	
Double bottom, aft,	118	466	F.W. & oil fuel	Fore peak tank,	35	181	F.W.
Double bottom, under Engines and Boilers,	53			After peak tank,	20		
Double bottom, if under Engines only,				Deep tank, aft, (Including exp. trunks)	47	705	
Double bottom, if under Boilers only,				Deep tank, forward,			
Double bottom, forward,	193	665		Other tanks, if fitted, Tk. in way of tunnel	24	145	
Total length (if continuous) and Capacity	364	1131		(If necessary furnish further information by sketch)			

Order for Special Survey No.

Date 3rd. Nov 1955

Dates of Surveys held while building

1955 Dec. 24.

1956 Jan. 5, 6, 12, 14, 19, 26. Feb. 6, 15, 28.

Mar. 1, 3, 5, 7, 8, 10, 13, 15, 17, 19, 20, 21, 23, 24, 26, 27, 29.

Apr. 7, 14, 20. May 4, 14, 16, 21, 25, 31. June 1, 4, 7.

Total No. of Visits 39

Rpt. 4b.

Date of writing



the
Surv
con
& Eng
mit
Lond
the S
lette
Class
Regis
oil

Fee
This C
"Whil
properly e
circumstan
Surveyors,
negligence
(Rpt. 10) 3,50

© 2021

Lloyd's Register
Foundation