

STEEL STEAMER OR MOTORSHIP.

Received at London office

30 AUG 1951

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

Port of KOBE

No. 423

Survey held at HIROSHIMA

Date First Survey 12-6-51

19

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

SINGLE SCREW STEAM SHIP "IKUSHIMA MARU"

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

FULL SCANTLING VESSEL

State Type of Erections POOP, BRIDGE & FLE

TONNAGE under {
Image Deck...}

1,923.73

CLASS 100 A.1. CONTEMPLATED State if with freeboard {
as condition of Class}

No.

FEET

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

L 285.4

Breadth (greatest moulded)

B 43.3

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

D 23.0

1st Longitudinal Number (L x D)

= 6,564.2

2nd Numeral L x (B + D)

= 18,922.02

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

20.1

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

12.38

Do. Long Bridge to top of keel

—

Draught Moulded

19.4

Built at NAGASAKI

Launched DEC. 19TH 1948 Yard No. 1408

Builders WEST JAPAN HEAVY IND. LTD. NAGASAKI
SHIP YARD & E.W.

Owners HAMANE STEAM SHIP CO.

Managers

(Where necessary to be entered in Reg. Book)

Residence

Port of Registry TOKYO

If surveyed while building, afloat, or in dry

dock HIROSHIMA D.D.

REGISTERED DIMENSIONS.
FEET

h 287.2

th 43.3

23.0

FRAMES, DOUBLE BOTTOM AND BEAMS.

	M/M INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.	M/M INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships	660 ✓		Bracket Floors, Frame	150 x 75 x 6/10 ✓
" " from 3/8 length amidships to Collision bulkhead	600 ✓		" " Reversed Frame	" ✓
" " in peaks	600 ✓		" " Vertical Struts	150 x 90 x 12 ✓
SIDE FRAMING.			Centre Girder, depth and thickness amidships	870 x 11 ✓
Frame Amidships, Angle, [or [250 x 90 x 9/13 ✓		" " top Angles	75 x 75 x 12 D.A. ✓
" " Extends up to	UPPER DECK ✓		" " bottom Angles	90 x 90 x 13 D.A. ✓
Reversed Frame Amidships, Angle	—		Side Girders, No. each side and thickness	1 @ 8 ✓
" " Extends up to	—		Margin Plate depth (excl. of flange) and thickness	750 x 9 ✓
Depth of Framing Girder	—		" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem	WELDED ✓
Frames in Uppermost Continuous 'tween Decks, Angle, [or [—		" " Vertical Angle to Tank side Bracket from forward 1/4 len. from stem to Panting Area	WELDED ✓
" " Second 'tween Decks, Angle, [or [—		" " Gussets, spacing and scantling abaft 1/4 len. from stem	10 EVERY FR. ✓
" " Third " " " "	—		" " Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area	12 EVERY FR. ✓
" " from 1/2 len. for'd. to 15% len. from Stem	250 x 90 x 9/13 ✓		Tank Side Brackets, height above base line at toe of Frame and thickness	1350 x 10. ✓
" " in peaks, Angle or [150 x 75 x 6/10 ✓		INNER BOTTOM PLATING.	
Diameter and Spacing of Rivets through Frame and Shell Plating amid- ships	19 @ 134 ✓		Breadth and thickness of Middle Line Strake	1400 x 11-9 ✓
State if Frame Joggled	YES ✓		Thickness of remainder in Holds	9-8 ✓
Are the scantlings and arrangements in the Panting Area 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 fram- ing in Bunkers and Boiler Room?	YES ✓
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	YES ✓		BEAMS.	
SINGLE BOTTOM.			Uppermost Continuous Deck, amidships in Wells, Angle, [or [150 x 90 x 12 ✓
Floors, Depth and thickness at mid-line in Holds	—		" " in way of Bridge, Angle, [or [150 x 90 x 12 ✓
Height of Brackets at side above base line at toe of frame	—		Spacing	660 ✓
Middle Line Keelson, on Floors, Angles, [or [—		Second Deck, amidships, Angle, [or [✓
" " Through Plate or Inter- costal Plate	—		Spacing	✓
" " 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 Intercostal Plate	—		Spacing	✓
" " Angles	—		Poop Deck, Angle, [or [125 x 75 x 10 ✓
DOUBLE BOTTOM.			Spacing	600 & 660 ✓
Solid Floors, thickness and spacing	8 @ 1980/2640 ✓		BRIDGE DECK, Angle, [or [125 x 75 x 7 ✓
" " Are Frame and Reversed Frame joggled?	FRAMES ONLY ✓		Spacing	660 ✓
Bracket Floors, breadth and thickness at middle line	800 x 8 ✓		Forecastle Deck, Angle, [or [125 x 75 x 7 INV. ANGLE ✓
" " breadth and thickness at margin plate	800 x 8 ✓		Spacing	600 ✓

		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		Stringer Plate, breadth and thickness in way of Bridge		✓	
" in 'tween Decks, Size and Spacing		✓		Thickness of Plating abreast Deck open- ings in way of Wells		✓	
" " " " "		✓		Thickness of Plating abreast Deck open- ings in way of Bridge		✓	
" in Holds " " "	✓ 160 DIA X 10 TO 250 DIA X 10			Thickness of Plating within line of openings		✓	
" " " " "		✓		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	✓ 1400 X 14			If Plated, state thickness		✓	
" " " " in way of	✓ 1400 X 12			Poop Deck.			
Bridge	✓ 150 X 200 X 20			Stringer Plate, breadth and thickness		8 ✓	
" Angle in Wells	✓ 20 100 X 100 X 15			Plating, Sheathing, material and thickness		7 ✓	
Thickness of Plating abreast Deck openings in way of Wells	✓ 12			Bridge Deck.			
Thickness of Plating abreast Deck openings in way of Bridge	✓ 12 10 18 16			Stringer Plate, breadth and thickness		1400 X 9	
Thickness of Plating within line of openings	✓ 8 6			Plating, Sheathing, material and thickness		8 ✓ 65 ^{MM} PINE	
If Sheathed, material and thickness	✓			Forecastle Deck.			
Second Deck.				Stringer Plate, breadth and thickness		9 ✓	
Stringer Plate, breadth and thickness in Wells	✓			Plating, Sheathing, material and thickness		9 ✓	

SCANTLINGS.				RIVETING.							
STRAKES.	AS IN VESSEL.		ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.		BUTTS.					
	AMIDSHIPS.			STATE IF JOGGED?	No RIVETS.	No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.		
	Breadth.	Thickness.					Diam.	Spacing cr. to cr.			
Flat Plate Keel	1600	16	14	14	DOUBLE	22	93	3	22	77	LAPPED
„ Dblg. (if any)	✓										
Bottom Plating, No. of Strakes 3		12	12 1/4	10	„	19	80	3	19	77	„
Bilge Plating, No. of Strakes 1		12	10	10	„	19	80	„	19	76	„
Side Plating, No. of Strakes 3		12	10	10	„	19	80	„	19	76	„
Upper Deck, Sheer-strake in Wells	1400	16	10	10	„	22	93	4	22	90	„
Upper Deck, Sheer-strake in Bridge		12			„	19	80	3	19	76	„
Strake below Sheer-strake in Wells		14			„	22	93	3	22	90	„
Strake below Sheer-strake in Bridge		12			„	19	80	3	19	76	„
Poop side Plating				8	SINGLE	16	72	1	16	56	„
Bridge Side Plating		12			WELDED	✓	✓	WELDED			
Forecastle Side Plating				9	SINGLE	19	72	1	19	76	„

Total No. of W.T. BULKHEADS in Vessel —		5																																																		
Extending to Upper Deck (Sec. 3c)		✓																																																		
Deck next below		5																																																		
As per Rule																																																				
<table border="1"> <thead> <tr> <th rowspan="3"></th> <th rowspan="3">Plating Thickness.</th> <th colspan="4">STIFFENERS.</th> </tr> <tr> <th colspan="2">VERTICAL.</th> <th colspan="2">HORIZONTAL.</th> </tr> <tr> <th>Scantlings.</th> <th>Spacing.</th> <th>Scantlings.</th> <th>Spacing.</th> </tr> </thead> <tbody> <tr> <td>MIDSHIP BULKH'D, Upper 'tween decks</td> <td></td> <td>✓</td> <td></td> <td></td> <td></td> </tr> <tr> <td>" " Second "</td> <td></td> <td>✓</td> <td></td> <td></td> <td></td> </tr> <tr> <td>" " Third "</td> <td>1 1/8</td> <td>200 x 90 x 8/16 L</td> <td>650</td> <td></td> <td></td> </tr> <tr> <td>" " Holds</td> <td>1 1/8</td> <td>150 x 100 x 15/16 L, ANG.</td> <td>600</td> <td></td> <td></td> </tr> <tr> <td>COLLISION " (in Hold)</td> <td>1 1/8</td> <td>200 x 90 x 8/16</td> <td>550</td> <td></td> <td></td> </tr> <tr> <td>AFTER PEAK "</td> <td>1 1/8</td> <td>150 x 110 x 15/16 L, ANG.</td> <td>650</td> <td></td> <td></td> </tr> </tbody> </table>				Plating Thickness.	STIFFENERS.				VERTICAL.		HORIZONTAL.		Scantlings.	Spacing.	Scantlings.	Spacing.	MIDSHIP BULKH'D, Upper 'tween decks		✓				" " Second "		✓				" " Third "	1 1/8	200 x 90 x 8/16 L	650			" " Holds	1 1/8	150 x 100 x 15/16 L, ANG.	600			COLLISION " (in Hold)	1 1/8	200 x 90 x 8/16	550			AFTER PEAK "	1 1/8	150 x 110 x 15/16 L, ANG.	650		
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Manufacturer's Name or Trad. Mark of the Steel used in the construction of the Vessel (state process of manufacture)		YAWATA STEEL WORKS / HIROHATA STEEL WORKS																																																		
Has the Steel been tested as required by the Rules?		N. K. RULES ✓																																																		

ANCHORS.

CHAIN CABLES.

HAWSERS AND WARPS.

Steering Gear, Type (Power or hand) ELECTRIC HYDRAULIC STEERING GEAR ✓ Alternative Means of Steering HAND GEAR ✓
(1 MOTOR)

Steering Chains (Size and Test) _____ Windlass STEAM ✓ Beats 2 (WOOD) ✓

Ceiling in Holds, thickness and material 65 M¹/4 MATSU ON 38 BEARER Cargo Battens, thickness, material and spacing 50 SOFT WOOD
SPACE 230 ✓

Cargo Hatchways. - (Upper Deck) STEEL PLATES & ANGLES Thickness of Hatches 65 M¹/4 ✓

Size of Hatchways No. 1 (Fwd) 6'60" x 5'20" ✓ No. 2 8'58" x 5'20" ✓ No. 3 7'26" x 5'20" ✓ No. 4 5'94" x 5'20" ✓ No. 5 _____ No. 6 _____

Number of Shifting Beams } 3 ✓ 5 ✓ 4 ✓ 3 ✓
and/or Fore and Afters }

Builder's Signature _____

FORGINGS AND CASTINGS.

The amount of Entry Fee £ : : Fees applied for,
Special Survey Fee £ : : Received by me,
Travelling Expenses, if any £ : : 19

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

I am of opinion the Vessel should be Classed 100 A.1.

State whether the Vessel has been built under Special Survey _____

Certificate ~~sent~~ sent to Kobe in Triplicate Date of issue 2/11/57.

Committee's Minute FRI. 19 OCT 1957

Character assigned 100 A1

6.51 Hiroshima
S.S. Hiroshima 7.51
Classed 7.51.
White Red. (L)

LMC 7.51
S (CL) 6.51
F.D.
2 WTS 285lb
White for S.R.L. (m)

CLASSIFICATION
CERTIFICATES WRITTEN.

THU 15 MAY 1952
As not subject for

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).

PARTICULARS OF ELECTRIC WELDING (if employed) FORECASTLE DECK SEAMS & BUTTS. BOAT, BRIDGE, POOP DECK SEAMS.
TANK TOP SEAMS. BULKHEAD PLATING & STIFFENERS.
TUNNEL PLATING.

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

CRUISER STERN D.F. E.S.D.
PART WELDED

RADAR Equipment (State if fitted)

State Type or Pattern No. NONE

State } Maker
Name } and/or
of } Supplier

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

1st Bower	2.139	N.K. SURVEYOR	CERT. NO. TOKYO 167	JULY 5TH 1948
2nd "	2.138	"	" " " 165	" " "
3rd "	2.137	"	" " " 166	" " "

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 20.7 ft., R.Q.D. — ft., Bridge 80.1 ft., Forecastle 29.2 ft.
(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated

Official No. 63,993 Signal Letters JKHQ Extreme Breadth over Belting — Over all Length 302.8
(Circ. 1611) (Circ. 1703)

No. and Material of Decks SINGLE STEEL DECK

Parts of Bottom of Vessel coated with cement or approved composition F & A PEAK D.B. TANKS CEMENTED

Particulars of composition (if fitted) and of approval

PARTICULARS OF WATER BALLAST:—(Computing 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,	73.62	201.1	Fore peak tank,	21.4	82.50
Double bottom, under Engines and Boilers,	56.30	126.9	After peak tank,	15.7	84.87
Double bottom, if under Engines only,	✓	✓	Deep tank, aft,	—	—
Double bottom, if under Boilers only,	✓	✓	Deep tank, forward,	—	—
Double bottom, forward,	102.56	112.56	Other tanks, if fitted, F.W. TK INER. (P.S.)	4.34	10.2
Total length (if continuous) and Capacity	232.48	313.66	(If necessary furnish further information by sketch)		

Order for Special Survey No.

Date

Dates of Surveys
held while building



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Lloyd's Register
Foundation