

## STEEL STEAMER OR MOTORSHIP.

Received at London Office.

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 21st January, 1953 Port of KOBE No. 1232

Survey held at Aioi Date First Survey 28th February, 1952 Last Survey 27th October, 1952.

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

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) Full Scantling +100A1 Carrying petroleum in bulk. State Type of Erections Poop Bridge & Fcile.

TONNAGE under Tonnage Deck ... 10,887.91

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

Total 10,887.91

Gross Tonnage 11,979.61

Register Tonnage 8,726.64

## REGISTERED DIMENSIONS.

FEET

Length 548.92

Breadth 70.51

Depth 38.42

CLASS Full Scantling +100A1 Carrying petroleum in bulk. State if with freeboard as condition of Class No

Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) 534.77

Breadth (greatest moulded) B 70.21

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 38.71

1st Longitudinal Number (L x D) 20.701

2nd Numeral L x (B + D) 58.247

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

Proportions—Depth to Length—Uppermost continuous deck to top of keel 13.81

Do. Long Bridge to top of keel 30.31

Draught Moulded T.G. FREEBOARD 2.584 9.241

Built at Aioi, Japan.

Launched 22.8.52 Yard No. 476

Builders Harima S.B. &amp; Eng.Co., Ltd. Japan.

Owners Terukuni Kaiun K.K.

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

Residence

Port of Registry Tokyo

If surveyed while building, afloat, or in dry dock

Whilst building

## FRAMES, DOUBLE BOTTOM AND BEAMS.

	mm X INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		mm X INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships.....	760	✓	Bracket Floors, Frame .....	---	
" " from $\frac{3}{8}$ length amidships to Collision bulkhead.....	685	✓	" " Reversed Frame.....	---	
" " in peaks .....	610	✓	" " Vertical Struts .....	---	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	1500 x 15	✓
Frame Amidships, Angle $\alpha$ or $\beta$ .....	250 12	✓	" " top Angles .....	Welded	✓
" " Extends up to.....	Upper Deck	✓	" " bottom Angles.....	Welded	✓
Reversed Frame Amidships, Angle .....	---		Side Girders, No. each side and thickness.....	2 @ 12	
" " Extends up to .....	---		Margin Plate depth (excl. of flange) and thickness .....	720 x 15	✓
Depth of Framing Girder.....	250	✓	" " Vertical Angle to Tank side Bracket abaft $\frac{1}{4}$ len. from stem .....	---	
Frames in Uppermost Continuous 'tween Decks, Angle, $\alpha$ or $\beta$ .....	---		" " Vertical Angle to Tank side Bracket from forward $\frac{1}{4}$ len. from stem to Panting Area .....	---	
" " Second 'tween Decks, Angle, $\alpha$ or $\beta$ .....	---		" " Gussets, spacing and scantling abaft $\frac{1}{4}$ len. from stem.....	---	
" " Third " " " " " ".....	---		" " Gussets, spacing and scantling from forward $\frac{1}{4}$ len. from stem to Panting Area .....	---	
" " from $\frac{1}{2}$ len. for'd. to 15% len. from Stem .....	250 x 12 B.P.	✓	Tank Side Brackets, height above base line at toe of Frame and thickness	1930 x 12	✓
" " in Peaks, Angle $\alpha$ or $\beta$ .....	250 12	✓	INNER BOTTOM PLATING.	15	✓
Diameter and Spacing of Rivets through Frame and Shell Plating amid- ships .....	Welded	✓	Breadth and thickness of Middle Line Strake...	15	✓
State if Frame Joggled.....	Yes (Sheerstrake only)	✓	Thickness of remainder of Holds.....	15	✓
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved? .....	Yes	✓	Are Rule requirements complied with regard- ing increases of scantlings in way of double bottom in E. & B. space and framing 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 $\alpha$ or $\beta$ .....	250 x 12	✓
Floors, Depth and thickness at mid-line in Holds.....	760	✓	" " in way of Bridge, Angle $\alpha$ or $\beta$ .....	250 x 12	✓
Height of Brackets at side above base line at toe of frame.....	---		Spacing .....	760	✓
Middle Line Keelson, on Floors, Angles, $\alpha$ or $\beta$ .....	---		Second Deck, amidships, Angle, $\alpha$ or $\beta$ .....	---	
" " Through Plate or Inter- costal Plate .....	---		Spacing .....	---	
" " Foundation Plate on Floors .....	---		Third Deck, amidships, Angle, $\alpha$ or $\beta$ .....	---	
" " Flat Plate Keel Angles .....	---		Spacing.....	---	
Side Keelsons, No. each side.....	---		Fourth Deck, amidships, Angle, $\alpha$ or $\beta$ .....	---	
" " thickness of Intercoastal Plate...	---		Spacing.....	---	
" " Angles .....	---		Frame 14 Ford. 200 30 10		
DOUBLE BOTTOM. Engine Room Only			Poop Deck, Angle $\alpha$ or $\beta$ Fr. 13 Aft. 180 30 9.5		
Solid Floors, thickness and spacing .....	12 @ 760	✓	Spacing.....	760 & 610	✓
" " Are Frame and Reversed Frame joggled? .....	Floors welded	✓	Bridge Deck, Angle $\alpha$ or $\beta$ .....	200 30 10	✓
Bracket Floors, breadth and thickness at middle line .....	---		Spacing.....	760	✓
" " breadth and thickness at margin plate.....	---		Forecastle Deck, Angle $\alpha$ or $\beta$ .....	230 30 11	✓
			Spacing.....	685 & 610	✓



## PILLARS AND DECKS.

mm X IN SHIP.		Any Departure from Approved Plans to be Noted.		mm X IN SHIP.		Any Departure from Approved Plans to be Noted.		Number Certification	
PILLARS, No. of Rows .....				---					222
" in 'tween Decks, Size and Spacing .....				---					223
" " " " " " .....				---					221
" in Holds " " " " .....				250x10 Dia.					1*
2 "Longitudinal" " " " " .....				---					
<del>Center Line</del> Bulkhead Stiffeners and Spacing .....				Corrugated					FR
Plating, thickness of .....				14.5 to 11					of L
STRINGERS AND DECKS.									in Bridge
Uppermost Continuous Deck.									from Up
Stringer Plate, breadth and thickness in Wells .....				1800 x 25					ck
" " " " in way of Bridge .....				1800 x 30					
" Angle in Wells .....				200x200x25					
Thickness of Plating abreast Deck openings } .....				Hatch strake					Longi
in way of Wells .....				at sides 19					
Thickness of Plating abreast Deck openings } .....				Remainder 22					in Wi
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 .....				---					
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.....									
Poop Deck.									
Stringer Plate, breadth and thickness.....				1200x12-9-8					
Plating, Sheathing, material and thickness ...				8 65 m/m Sugi					
Bridge Deck.									
Stringer Plate, breadth and thickness.....				1400 x 9					
Plating, Sheathing, material and thickness ...				8					
Forecastle Deck.									
Stringer Plate, breadth and thickness.....				1200 x 10					
Plating, Sheathing, material and thickness...				9					

## SHELL PLATING.

SCANTLINGS.						RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		State if joggled?	RIVETS.		No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.			SINGLE OR DOUBLE.	Diam.		Spacing cr. to cr.	Diam.	
Flat Plate Keel.....	1500	28	28	28		Welded			Welded			
" Dblg. (if any) ---						--			--			
Bottom Plating, No. of Strakes .....5.....		21	13.5	15		Welded			Welded			
Bilge Plating, No. of Strakes .....1.....		21	15	15		Double	25	100	Welded			
Side Plating, No. of Strakes .....5.....		18	13.5	13.5		Welded			Welded			
Upper Deck, Sheer-strake in Wells.....	1700	28	14	13.5		Double	25	100	Welded			
Upper Deck, Sheer-strake in Bridge ...	---											
Strake below Sheer-strake in Wells .....		18	13.5	13.5	Upper edge double Lower edge weld		25	100	Welded			
Strake below Sheer-strake in Bridge ...	---					--						
Poop Side Plating.....				11		Welded			Welded			
Bridge Side Plating.....		11				Welded			Welded			
Forecastle Side Plating			12			Welded			Welded			

  

WATERTIGHT BULKHEADS.				FORGINGS AND CASTINGS.			
Total No. of W.T. BULKHEADS in Vessel—				Casting or Forging.	Scantlings.	Maker's Name.	Any Depart from Appro Plans to be Nm
Extending to Upper Deck (Sec. 3 c).....15.....					mm		
" Deck next below.....							
As per Rule.....							

  

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHD, Upper 'tween decks					
" " Second "					
" " Third "					
" " Holds .....	14-11.	VERTICAL CORRUGATIONS		3 GIRDERS.	
COLLISION " (in Hold) .....	13-7.	250 x 12 BA.	700	610 PLATE WITH 300 x 90 x 15.5 E. 1830	
AFTER PEAK " .....	14-7.5.	230 x 11 BP.	G80	610 x 10. WITH 300 x 90 x 15.5 E. 1700	

  

KEEL, Bar .....			
STEM .....	Plate 23-13		
STERN FRAME { Propeller Post .....	Cast steel as approved		
{ Rudder " .....	Kobe Steel Works		
Speed of Vessel .....	15 knots		
RUDDER—Type .....	Balanced - reaction		
" A x D. ....			
" Diam. of head .....	350		
" Mainpiece at top pintle .....	--		
" " heel .....	--		
" how constructed .....	Plates & Diaphragms		
" 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)
	Yawata Steel Works - Fuji Steel Works - Kawasaki Steel Works - Muroran Steel Works.
	Has the Steel been tested as required by the Rules? Yes.



## PARTICULARS OF LONGITUDINAL FRAMING.

1232

11-130-A-11 F.B.  
© 2021  
a their  
*G. G. Young*  
Lloyd's Register  
Foundation

0138  $\frac{2}{3}$



## ANCHORS.

## HAWSERS AND WARPS

0138  $\frac{3}{3}$



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 following plans are enclosed.

As Built.

Midship Section.

Constructional Profile & Decks.

Stem.

Sternframe.

Rudder.

Shell Expansion.

Longitudinal Bulkheads.

Transverse O.T. Bulkheads.

Double Bottom - (E.R.)

Bow Framing.

Stern Framing.

Forging & Casting Certificates.

Rudder Stock.

Stern Frame.

Tiller.

Rudder Casting.

Sister Vessels. Nichiei Maru Harima No.453 Report No.25

Terukuni Maru Harima No.454 Report No.32

Toei Maru Harima No.475 Report No.114

PARTICULARS OF ELECTRIC WELDING (if employed) Shell butts & seams (with the exception of sheer & bilge strake seams) upper deck butts and seams (stringer angle riveted) all remainder of decks - house casings frames - deck & bottom, transverse, longitudinal & girders.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book  
Cruiser stern - Lloyds A & C.P. - E.S.D. - D.F. - Radar -  
GYC - partly welded - machy aft - longitudinal framing  
bottom & decks.

RADAR Equipment (State if fitted).....  
State Type or Pattern No. ....Ratheon.  
State } Maker.....  
Name } and/or Nippon Kikai Boeki Co.  
of } Supplier.....

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

1st Bower

68-2-0

CERT. No A.8373.

11-8-52.

M.S.

2nd "

68-1-6.

" " A.8374.

11-8-52.

M.S.

3rd "

68-1-15.

" " A.8372.

11-8-52.

M.S.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 126.47 ft., R.Q.D. ft., Bridge 42.37 ft., Forecastle 82.0

(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated

Official No. 69438

Signal Letters J A U K

Extreme Breadth over Belting

Over-all Length 570.37

No. and Material of Decks 1 Steel - 2nd Deck Aft.

Parts of Bottom of Vessel coated with cement or approved composition Fore & Aft Peaks - D.B. F.W. tanks - Feed & F.W. Tanks Aft.

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,			Fore peak tank, Fresh water	36.0	289.25
Double bottom, under Engines and Boilers,	2.5		After peak tank, Fresh Water	20.0	77.9
Double bottom, if under Engines only, OF & LO	39.9	134.8	Deep tank, aft, FW Tk. Fr. 10-14	8.0	156.8
Double bottom, if under Boilers only,			Deep tank, forward, Deep Tk. Fd. Oil Fuel	35.8	1092.4
Double bottom, forward,			Other tanks, if fitted, FW Tk. Fw. Dk. 0-10	20.0	212.5
Total length (if continuous) and Capacity	42.4	134.8	Other tanks, if fitted, Distilled Fw 18-23	12.4	108.2
			Feed Water 23-32	22.4	311.8

Order for Special Survey No.

Date

Dates of Surveys  
held while building

G.G.Y.1952: March 29, May 15, Aug. 19, Sept. 24, Aug.17,27

K.T. 1952: July 11,14,16,18,21,23,28,30 Aug. 1,4,6,8,11,12,13,14,20,22, Oct. 18,24,27

J.N. 1952: Feb.28, March 27, April 4, May 2,6,20 June 7,25 July 4,7

Y.K. Prefab Section Kure - April 18,28, May 16,17,20,24, June 7,

M.K. " " " July, 1,10

Total No. of Visits