

Rpt. 1

RECEIVED

10 OCT 1950

IN D.O. 867 A

Date of completion of report

Survey held at OSAKA

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

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

TONNAGE under Tonnage Deck ...

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

Total

Gross Tonnage 1948.02

Register Tonnage 1074.90

## REGISTERED DIMENSIONS.

Length 82.82  
Breadth 12.20  
Depth 6.20

## STEEL STEAMER OR MOTORSHIP

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

Port of KOBE

No. 181A

Date First Survey 8<sup>th</sup> JuneLast Survey 30<sup>th</sup> June 1950

On the SINGLE SCREW SHINWA MARU (MACHINERY AFT.)

State Type FULL SCANTLING

State Type of Erections POOP &amp; FORECASTLE

Built at KOYAKISHIMA, NAGASAKI, JAPAN

Launched 5. 12. 1941. Yard No. 148

Builders KAWANAMI KOGYO KABUSHIKI KAISHA KOYAKISHIMA YARD

Owners NITTO SHOSHEN KABUSHIKI KAISHA

Managers

Residence

Port of Registry TOKYO

If surveyed while building, afloat, or in dry dock

IN DRYDOCK &amp; AFLOAT

## FRAMES, DOUBLE BOTTOM AND BEAMS.

	IN SHIP, MM.	Any Departure from Approved Plans to be Noted.		IN SHIP, MM.	Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships.....	610	✓	Bracket Floors, Frame	ANGLE	✓
" " from 1/2 length amidships to Collision bulkhead.....	610	✓	" " Reversed Frame	ANGLE	✓
" " in peaks	610	✓	" " Vertical Struts	ANGLE	✓
SIDE FRAMING.			Centre Girder, depth and thickness amidships	800	11
Frame Amidships, Angle, [ or ]	200	90 8/13.5	" " top Angles	DOUBLE	75 75 9
" " Extends up to	UPPER DECK	✓	" " bottom Angles	DOUBLE	90 75 9
Reversed Frame Amidships, Angle	✓		Side Girders, No. each side and thickness	1 @ 8 1/2	
" " Extends up to	✓		Margin Plate depth (excl. of flange) and thickness	700	11
Depth of Framing Girder	200	✓	" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	75	12 FB
Frames in Uppermost Continuous 'tween Decks, Angle, [ or ]	✓		" " Vertical Angle to Tank side Bracket from forward 1/2 len. from stem to Panting Area	75	12 FB
" " Second 'tween Decks, Angle, [ or ]	✓		" " Gussets, spacing and scantling abaft 1/2 len. from stem	90 90 10	2ND FRAME
" " Third	✓		" " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area	DO.	✓
" " from 1/2 len. for'd. to 15% len. from Stem	200	90 8/13.5	Tank Side Brackets, height above base line at toe of Frame and thickness	1240	10
" " in Peaks, Angle or [ or ]	150	90 9. ANGLE AFT PEAK			
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	150	75 6.5 CH. FORE PEAK	INNER BOTTOM PLATING.		
State if Frame Joggled	YES	✓	Breadth and thickness of Middle Line Strake	1100	11
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	YES	✓	Thickness of remainder in Holds	9	✓
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	✓
SINGLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds	✓		Uppermost Continuous Deck, amidships in Wells, Angle, [ or ]	25	75 7
Height of Brackets at side above base line at toe of frame	✓		" " in way of Bridge	200	90 8/13.5
Middle Line Keelson, on Floors, Angles, [ or ]	✓		" " Spacing	610	✓
" " Through Plate or Inter-costal Plate	✓		Second Deck, amidships, Angle, [ or ]	✓	
" " Foundation Plate on Floors	✓		" " Spacing	✓	
" " Flat Plate Keel Angles	✓		Third Deck, amidships, Angle, [ or ]	✓	
Side Keelsons, No. each side	✓		" " Spacing	✓	
" " thickness of Inter-costal Plate	✓		Fourth Deck, amidships, Angle, [ or ]	✓	
" " Angles	✓		" " Spacing	✓	
DOUBLE BOTTOM.			Bridge Deck, Angle, [ or ]	125	75 10
Solid Floors, thickness and spacing	8. 2440	✓	" " Spacing	790	✓
" " Are Frame and Reversed Frame joggled?	YES	✓	Forecastle Deck, Angle, [ or ]	150 125	75 90 7. ANGLE
Bracket Floors, breadth and thickness at middle line	700	8	" " Spacing	610	✓
" " breadth and thickness at margin plate	710	8			



## PILLARS AND DECKS.

PILLARS, No. of Rows	NAME	IN SHIP.		Any Departure from Approved Plans to be Noted.	IN SHIP.	Any Departure from Approved Plans to be Noted.
		WEB	FRAMES			
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						
Plating, Sheathing, material and thickness						
Bridge Deck.						
Stringer Plate, breadth and thickness						
Plating, Sheathing, material and thickness						
Forecastle Deck.						
Stringer Plate, breadth and thickness						
Plating, Sheathing, material and thickness						

## STRINGERS AND DECKS.

## Uppermost Continuous Deck.

## Stringer Plate, breadth and thickness in Wells

## Stringer Plate, breadth and thickness in Wells

## Stringer Plate, breadth and thickness in Wells

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## SHELL PLATING.

STRAKES.	AS IN VESSEL.			ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.		BUTTS.		STRAPPED LAPPED.
	AMIDSHIPS.	FORWARD.	AFT.		State if loaded?	RIVETS.	No. of Rows of Rivets.	RIVETS.	
Breadth.	Thickness.	Thickness.	Thickness.		Single or Double.	Diam.	Spacing or to cr.	Diam.	Spacing or to cr.
Flat Plate Keel	1200	16	14		DOUBLE	19	80	22	77
" Dblg. (if any)									
Bottom Plating, No. of Strakes	12	10	10		DOUBLE	19	80	19	78
Bilge Plating, No. of Strakes	12	10	10		"	19	80	19	78
Side Plating, No. of Strakes	12	10	10		"	19	80	19	78
Upper Deck, Sheer-strake in Wells	1400	17	10		"	22	95	22	88
Upper Deck, Sheer-strake in Bridge									
Strake below Sheer-strake in Wells	12	10	10		DOUBLE	19	80	22	88
Strake below Sheer-strake in Bridge									
Poop Side Plating			10		SINGLE	16	70	19	40
Bridge Side Plating									
Forecastle Side Plating			8		SINGLE	16	70	16	64

## WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—		FORGINGS AND CASTINGS.	
Extending to Upper Deck (Sec. 3 c)	4	KEEL, Bar	
Deck next below		STEM	
As per Rule		STERN FRAME	
		Propeller Post	
		Rudder	
		Speed of Vessel	11 knots
		RUDDER—Type	SEMI BALANCED
		A x D	
		Diam. of head	200
		Mainpiece at top pintle	
		heel	
		how constructed	
		double or single plate	DOUBLE 10% PLATE
		coupling, vertical or horizontal	VERTICAL

## STIFFENERS.

MIDSHIP BULKHEAD, Upper 'tween decks	Plating Thickness.	VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
" Second					
" Third					
" Holds	11-7	200x90x80	800		
" (in Hold)	11-7	180x75x70	610		
" AFTER PEAK	16-7	180x75x70	550		

## STEEL.

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.

## LETTER

## ANCHORS.

Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.		WEIGHT OF STOCK.		TEST, PER CERTIFICATE.		Description of Anchor.	Makers.	Where and when tested, and Superintendent.
		Cwts.	qrs.	Cwts.	qrs.	Cwts.	qrs.			
220	1st Bower	1880				34.2		C.S. HEAD	KAWANAMI INDUSTRIAL MFG. CO.	OSAKA. 11.11.1941.
118	2nd "	1855				34.2		"	"	"
117	3rd "	1880				34.2		"	"	"
	Collective weight	5615								
103	Stream	530				13.4		CAST STEEL	"	OSAKA. 12.11.41. N.K. SURVEYOR

## 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.
			Supplied.	Per Rule.								
230	25	44	548 767	1076 K.		5L	KOKKO CHAIN MFG. CO. OSAKA	26.8.1941.		165	88	165
H 4895(1-2)	430.2	44	548 767	20.002 K.		5L	MFG. CO. OSAKA	1.10.1941.		2/200	56.5	165
										2 @ 200	44	165

Steering Gear, Type (Power or hand)	STEAM.	Alternative Means of Steering	HAND.
Steering Chains (Size and Test)	1 1/8" 15.4. STATUARY.	Windlass	STEAM.
Ceiling in Holds, thickness and material	65 mm W.P. (JAPANESE CEDAR)	Cargo Battens, thickness, material and spacing	150 mm apart.
Cargo Hatchways.—(Upper Deck)	2.	Thickness of Hatches	65 mm
Size of Hatchways No. 1 (Fwd.)	9/150 x 6400	No. 2	25.520 x 6400
No. 3	No. 4	No. 5	No. 6
Number of Shifting Beams and/or Fore and Afters	6.		18.

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. *NO.*

(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 indicated, together with the flash point (where required to be inserted in the Notation).

This vessel has been examined and the scantlings and arrangements are in accordance with or equivalent to the Society's rules & regulations. The materials and workmanship upon examination were found to be good. All double bottom tanks, peak tanks, have been tested as required by the rules and found satisfactory. The hand pump has been satisfactorily tested. The windlass, steering gear and auxillary gear has been tried under working conditions and found satisfactory. The provisional freeboard assigned has been marked on the ship's sides, verified and cut in.

The amount of Entry Fee	Y 161,280.00	Fees applied for,	
Special Survey Fee	Y 47,880	Received by me,	
Travelling Expenses, if any			
State whether the Vessel has been built under Special Survey		I am of opinion the Vessel should be Classed	100 A-1.
Certificate to be sent to	Kobe.	Signature	G. G. Young
Committee's Minute		Surveyors to Lloyd's Register of Shipping.	
Character assigned	6.50 Kob.		

S.S. Kob 6.50

LMC 6.50 Subject

F.D. S (CL) 6.50

2 WTB 20016

Classed 6.50

White Kob. (harm)

CERTIFICATE WRITTEN.

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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 of the Plans should be embodied.)

The following approved plans are returned  
Midship Section  
Structural Arrangements  
Shell Expansion  
Keel Frame & Rudder.  
Web Frames.  
General Arrangements

PARTICULARS OF ELECTRIC WELDING (if employed)

Basings and stiffeners

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

RADAR Equipment (State if fitted)

State Type or Pattern No.

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

2nd "

3rd "

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 26.41 ft., R.Q.D. ft., Bridge ft., Forecastle 8.990 ft.

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

Official No. Signal Letters J.A.V.R. Extreme Breadth over Belting Over-all Length 90.960

No. and Material of Decks 1. STEEL

Parts of Bottom of Vessel coated with cement or approved composition Bilges and all D.B. Tanks

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.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
	Feet.	K-Tons.		Feet.	K-Tons.
Double bottom, aft,			Fore peak tank,	6.90	113.2
Double bottom, under Engines and Boilers,	16.47	84.6	After peak tank,	3.838	42.9
Double bottom, if under Engines only,			Deep tank, aft,		43
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	53.070	379.4	Other tanks, if fitted,		
Total length (if continuous) and Capacity	69.540	464.0	(If necessary furnish further information by sketch.)		

Order for Special Survey No.

Date

Dates of Surveys held while building

JUNE. 8. 11. 12. 16. 19. 27. 28. 30.



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