

STEEL STEAMER or MOTORSHIP.

Received at London Office 13 JUL 1931

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 15th June 1931.

Port of NAGASAKI.

No. 789

Survey held at NAGASAKI.

Date First Survey 5th November 1930

Last Survey 30th May, 1931. 19

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) Steel Single Screw Motor Ship "KANAN MARU".

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

State Type of Erections Poop, Bridge & Forecastle.

TONNAGE under 2,793.32
Tonnage Deck...

CLASS T100AI.

State if with freeboard as condition of Class No

Built at Nagasaki.

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

Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) L 335.0

Launched 20th March 1931 Yard No. 490.

Breadth (greatest moulded) B 48.5

Builders Nagasaki Works, Mitsubishi Zosen Kaisha, Ltd.,

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 24.0

Owners Dairen Kisen Kabushiki Kaisha.

1st Longitudinal Number (L x D) = 8040

Managers /

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

2nd Numeral L x (B + D) = 24288

Residence Dairen.

REGISTERED DIMENSIONS.

Framing Depth "d," at middle of length. See Sec. 3 (1d) 13'-5"

Length 336.6

Proportions—Depth to Length—Uppermost continuous deck to top of keel 13.96

Breadth 48.5

Do. Long Bridge to top of keel 10.55

Depth 24.0

Draught Moulded 19'-10.56"

If surveyed while building, afloat, or in dry dock

While building.

FRAMES, DOUBLE BOTTOM AND BEAMS.

	or m/m INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		or m/m INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
S. Spacing amidships	30		Bracket Floors, Frame	B.A. 7 3 1/2 .425	
" from 3/4 length to Collision bulkhead	25		" " Reversed Frame	B.A. 5 3/4 3 .35	
" in peaks	24		" " Vertical Struts	Ch. 230x90x90x9.5 B.A. 5 3/4 3 .35	
FRAMING.			Centre Girder, depth and thickness amidships	38 .47-.38	
Amidships, Angle, [	8 3 1/2 .45		" " top Angles	D.A. 75 75 11 Eng.space. A. 130 130 11-10.5	
" Extends up to	U.D. or B.D. web cut down to form 6x3x.45 L between 2nd & U.D. alternately and in Bridge		" " bottom Angles	D.A. 90 90 13-12	
Reversed Frame Amidships, Angle	6 3 1/2 .45	every frame.	Side Girders, No. each side and thickness	One .35	.45 in Eng.space.
" Extends up to			Margin Plate depth (excl. of flange) and thickness	30 1/2 .44	.42 at 25 frame spacing.
of Framing Girder	8		" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem	90x90x9 in way 2nd Dk. 130x130x9	
es in Uppermost Continuous 'tween Decks, Angle, [	8 3 1/2 .45		" " Vertical Angle to Tank side Bracket forward 1/4 len. from stem	130x130x9	
" Second 'tween Decks, Angle, [or [	6 3 1/2 .45	alternately	" " Gussets, spacing and scantling abaft 1/4 n. from stem	39-.35 every frame in way of No. 1 Hold.	
" Third " " "	/		" " Gussets, spacing and scantling forward 1/4 n. from stem	39 every 2nd frame in way of No. 2 tank.	
ing in Peaks, [	180 75 9.5		" " Gussets, spacing and scantling forward 1/4 n. from stem	.35 Every frame.	
eter and Spacing of Rivets through Frame and Shell Plating amidships	7/8 6 1/2 dia.		Tank Side Brackets, height above base line at toe of Frame and thickness	55" from top of keel	
if Frame Joggled	Yes		INNER BOTTOM PLATING.		
NG ARRANGEMENTS (Sec. 7), state system and particulars	Deep Frames arrangement. 300x90x90x11/15.5 Ch. extends to U.D. or F'cle dk where fitted.		Breadth and thickness of Middle Line Strake	47 .43-.37	.45 in Eng.space.
STRENGTHENING OF BOTTOM FOR- WARD. State Particulars	web cut down to form 150x90x11/15.5 A. between U. and F.D.		Thickness of remainder in Holds	52 .45 in way Tunnel. 40-.37 & .34	
E BOTTOM.			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?	/	
rs, Depth and thickness at mid-line in Holds	Additional int. side girders fitted 8'-0" apart & 2 height extending forward as far as practicable.		BEAMS.		
Height of Brackets at side above base line at toe of frame	Three strakes of shell plating next to keel midship thickness maintained .57 forward.		Uppermost Continuous Deck, amidships	180 75 9.5	
le Line Keelson, on Floors, Angles, [or [			" in Wells, [	180 75 9.5	
" " Through Plate or Intercostal Plate			" in way of Bridge, [	180 75 9.5	
" " Foundation Plate on Floors			Spacing	Every frame.	
" " Flat Plate Keel Angles			Second Deck, amidships, [	180 75 9.5	
Keelsons, No. each side			Spacing	Every frame	
" thickness of Intercostal Plate	.39 .35 at 25 spacing. .44 in Eng.space.		Third Deck, amidships, Angle, [or [
" "	Every 3rd frame except in eng.space, forward of 3/5 L and at narrow ends.		Spacing		
IBLE BOTTOM.			Fourth Deck, amidships, Angle, [or [
olid Floors, thickness and spacing	Frame only.		Spacing		
" " Are Frame and Reversed Frame joggled?			Poop Deck, [	180 75 9.5	
Bracket Floors, breadth and thickness at middle line	30 .39		Spacing	Every frame	
" " breadth and thickness at margin plate	30 .39		Bridge Deck, [	180 75 9.5	
			Spacing	Every frame	
			Forecastle Deck, [	180 75 9.5	
			Spacing	Every frame.	

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.....						
.. in 'tween Decks, Size and Spacing.....	Widely Spaced					
" " " " " "	Pillars.					
" in Holds " "						
" " " " " "						
Centre Line Bulkhead.						
Stiffeners and Spacing.....						
Plating, thickness of						
STRINGERS AND DECKS.						
Uppermost Continuous Deck.						
Stringer Plate, breadth and thickness in Wells.....	51	.81-36-.39				
" " " " in way of Bridge	51	1.14 at Bridge ends.				
" " " " " "		.36				
" Angle in Wells	150	150	21			
Thickness of Plating abreast Deck openings in way of Wells .....		.66-.40				
Thickness of Plating abreast Deck openings in way of Bridge .....		.32				
Thickness of Plating within line of openings...		.38				
If Sheathed, material and thickness	2 1/2	O.P. in crew's quarters.				
Second Deck.						
Stringer Plate, breadth and thickness in Wells...	45	.34				
Stringer Plate, breadth and thickness in way of Bridge	45	.34				
Thickness of Plating abreast Deck openings in way of Wells .....		.30				
Thickness of Plating abreast Deck openings in way of Bridge .....		.30				
Thickness of Plating within line of openings...		.30				
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	32	.32				
Plating, Sheathing, material and thickness ...		.30				
Bridge Deck.						
Stringer Plate, breadth and thickness.....	50 1/2	.41				
Plating, Sheathing, material and thickness ...	.32	2 1/2" O.P.				
Forecastle Deck.						
Stringer Plate, breadth and thickness.....	32	.32				
Plating, Sheathing, material and thickness ...	.32					

SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.		No		BUTTS.		
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.	Diam.	Spacing cr. to cr.	No. OF ROWS OF RIVETS.	RIVETS.	
	Breadth.	Thickness.	Thickness.	Thickness.							Diam.	Spacing cr. to cr.
	Inches.	Inches.	Inches.	Inches.				Inches.	Inches.		Inches.	Inches.
FLAT PLATE KEEL	47	.66	.60	.60		2	7/8	3 1/2		3	7/8	2.8 Lapped
" DBLG. (if any)		/				/				/		"
BOTTOM PLATING, No. of Strakes 3.....		.57	.57	.47		2	7/8	3 1/2		3	7/8	3 1/2
BILGE PLATING, No. of Strakes 2.....		.57	.57	.47		2	7/8	3 1/2		3	7/8	3 1/2
SIDE PLATING, No. of Strakes 2.....		.57	.42	.47	.42	2	"	"		3	"	"
UPPER DECK, Sheer-strake in Wells.....	60	.84	.60	.47		2	7/8	3 1/2		4-3	7/8	3 1/2
UPPER DECK, Sheer-strake in Bridge ...		.57	.69	.50	.69 Doubling plate at Bridge ends.	2	7/8	3 1/2		3	7/8	3 1/2
STRAKE BELOW Sheer-strake in Wells.....			.69-.50			2	"	"		4-3	"	3 1/2
STRAKE BELOW Sheer-strake in Bridge ...	69	.57				2	"	"		3	"	3 1/2
POOP SIDE PLATING .....			.36			1	3/4	3		1	5/8	2 1/2
BRIDGE SIDE PLATING ...		.50				2	7/8	3 1/2		3	3/4	2 5/8
FORECASTLE SIDE PLATING			.38			1	3/4	3		1	"	"

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	
Extending to Upper Deck (Sec. 3 c)	5.
" Deck next below	-
As per Rule	5.

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	/	/		
STEM	F.S.	8 1/2 x 2 1/4	Mitsubishi Nag. Works.	
STERN FRAME { Propeller Post	C.S.	See approved plan	"	
{ Rudder "				
RUDDER—A x D		310		
Speed of Vessel		10 1/2 knots.		
RUDDER mainpiece at head ...	F.S.	8 1/2	Mitsubishi Nag. Works.	
" " heel ...		6 1/2		
" how constructed	Stream line.			
" double or single plate	Double	.46		
" coupling, vertical or horizontal	Vertical.			

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD , Upper tween	101	26	4 1/2 x 3 x 34	2 3/4 x 24	
" " "	72		125 x 75 x 8 A	18 x 27	
" " "	54		125 x 75 x 8 A	28 x 30	
" " Second	101	26	4 1/2 x 3 x 34	2 3/4 x 24	
" " "	72		125 x 75 x 8 A	18 x 27	
" " "	54		125 x 75 x 8 A	28 x 30	
" " Holds	56	46	28		
COLLISION " (in Hold)	132	47	26	5 1/2 x 3 x 34	24
AFTER PEAK " " "	72	60	30	200 x 75 x 9	55
				8 x 3 x 34	5

STEEL.	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)	Open Hearth Process.
	Imperial Steel Works, Yawata.	
	Has the Steel been tested as required by the Rules?	Yes.

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.)

Rpt. 4



Particulars of Drop Test of Cast Steel Anchors, viz. :— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	27 - 2 - 3.	A.D.M.	1038.	13-10-30.
	2nd "	26 - 3 - 12.	"	1039.	10-10-30.
	3rd "	26 - 3 - 16.	"	1040.	10-10-30.
	Stream.	12 - 1 - 23.	"	1042	10-10-30.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 21.2 ft., R.Q.D. / ft., Bridge 72.5 ft., Forecastle 35.16 ft.
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated

No. and Material of Decks (this information is to be given as it should appear in the Register Book) One dk(stl-ptw.s)2nd Dk Nos.2 & 3 Holds and engine room.

Official No. 406. ; Signal Letters Q.C.N.F. Is bottom of Vessel coated with cement Yes if not give particulars of composition Fuel oil tanks not coated. in way of Ballast tanks

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	<u>47.5</u>	<u>151.4</u>	Fore peak tank,	<u>18.8</u>	<u>67.1</u>
Double bottom, under Engines and Boilers,	<u>40.0</u>	<u>118.9</u>	After peak tank,	<u>18.7</u>	<u>88.8</u>
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	<u>132.5</u>	<u>330.7</u>	Other tanks, if fitted, <u>Wing tanks (P&S) (14-39)</u>	<u>62.5</u>	<u>248.4</u>
	Total capacity of double bottom <u>601.0</u>		(If necessary, furnish further information by sketch.)		(total)
*The wells are not to be included in the lengths of the tanks.					

Order for Special Survey No. 96.
Date 14th July 1930.
London.

Dates of Surveys held while building
1930. Nov. 5. 7. 12. 15. 19. 25. 26. 27. 29
1931. Jan 5. 6. 8. 9. 14. 15. 16. 23. 24. 27. 29
27 Mar 5. 9. 12. 16. 19. 20. 30
Apr 4. 8. 20. 22. 24. 28
May 5. 6. 8. 14. 27. 28. 30

Lloyd's Register
Foundation
Total No. of Visits 67.