

STEEL STEAMER or MOTORSHIP.

Received at London Office

10 OCT 1927

State if Report has been sent on the Freeboard of the Vessel **Yes. (Kobe).**State if Report is sent on the Machinery of the Vessel **Yes.**Date of completion of report **18th September 1927.**Port of **NAGASAKI.**No. **1603.**Survey held at **NAGASAKI.**Date First Survey **20th January 1927.** Last Survey **30th August 1927.** 19On the **Steel Single Screw Motor Vessel "OLYMPIA MARU".**State Type **Full Scantling Vessel.**State Type of Erections **Poop, Bridge, & Forecastle.**TONNAGE under Tonnage Deck... **5209.72**

CLASS

State if with freeboard as condition of Class

No.

Built at **Nagasaki. Japan.**

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 **405-0**Launched **30th June 1927.** Yard No. **4 2 8.**Total **5209.72**

Breadth (greatest moulded)

B **55-0**Nagasaki Works, Builders **Mitsubishi Zosen Kaisha, Ltd.,**Gross Tonnage **5611.74**

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

D **32-0**Owners **Mitsubishi Shoji Kaisha, Ltd.,**Register Tonnage **3515.60**1st Longitudinal Number (L x D) = **12,960**Managers **/**

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

2nd Numeral L x (B + D) = **35,235**Residence **Tokio.**

REGISTERED DIMENSIONS.

FEET.

Length **405'-0"**

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

18.63Breadth **55'-0"**

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

12.66Port of Registry **Tokio.**Depth **32'-0"**

Do. Long Bridge to top of keel

10.25

If surveyed while building, afloat, or in dry dock

Draught Moulded **25'-6.1"**

While Building.

FRAMES, DOUBLE BOTTOM AND BEAMS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships	33		Bracket Floors, Frame B.A.	7 3 1/2 .34	
" " from 3/5 length to Collision bulkhead	27		" " Reversed Frame B.A.	6 3 .36	
" " in peaks	24		" " Vertical Struts Chan.	10x3 1/2 x 3 1/2 .42	
DE FRAMING.			Centre Girder, depth and thickness amidships	44 .54-.44	
Frame Amidships, Angle, 30x	11 1/2 3 1/2 .64	in way of Deep tank	" " top Angles Double.	3 1/2 x 3 1/2 .52-.48	
" " Extends up to	2nd Deck.		" " bottom Angles	4 4 .58-.54	
Reversed Frame Amidships, Angle	/		Side Girders, No. each side and thickness	One .40-.44 where flgd.	
" " Extends up to	/		Margin Plate depth (excl. of flange) and thickness	36 .54-.52 at ford. end.	
Depth of Framing Girder	11 1/2		" " Vertical Angle to Tank side Bracket abaft 15% len.	3 1/2 3 1/2 .42	
Frames in Uppermost Continuous 'tween Decks, Angle	8 3 1/2 .40		" " Vertical Angle to Tank side Bracket forward 15% len.	5 5 .42	
" " Second 'tween Decks, Angle	/		" " Gussets, spacing and scantling abaft 1/2 len. from stem	6 6 .44 every frame.	
" " Third " " "	/		" " Gussets, spacing and scantling forward 1/2 len. from stem	6 6 .44 " "	
Framing in Peaks, Angle	8 3 .40		Tank Side Brackets, height above base line at toe of Frame and thickness	77 .48-.46	
Number and Spacing of Rivets through Frame and Shell Plating amidships	7/8 5 1/2 in holds.		INNER BOTTOM PLATING.		
Is Frame Joggled	Yes.		Breadth and thickness of Middle Line Strake	51 .50-.42	
FRAMING ARRANGEMENTS (Sec. 7), state system and particulars	Deep Frame Arrangement Frs. 11x3 1/2 x .54 BA with 5x3 1/2 x .46 Rev. angle to 2nd deck. Tw. dk. Frs. 7x3 1/2 x .40 BA. ext. to U.D. & Fore alt.		Thickness of remainder in Holds	.44 @ 33" Spacing-.40	
STRENGTHENING OF BOTTOM FOR FORWARD. State Particulars	Additional side girder spaced 8'-0" & half height.		Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & B. space	Yes	
DOUBLE BOTTOM.			BEAMS.		
Is, Depth and thickness at mid-line in Holds	.42 at 33" Spacing		Uppermost Continuous Deck, amidships in Wells, Angle	8 3 .36 at No.1 H.	
Height of Brackets at side above base line at toe of frame	40 " 27		" " in way of Bridge, Angle	8 1/2 3 .36 at No.6 H.	
Line Keelson, on Floors, Angles, [or]	33 .42		" " Spacing	33	
" " Through Plate or Intercostal Plate	No.		Second Deck, amidships, Angle	9 3 .40	
" " Foundation Plate on Floors	33 .42		" " Spacing	33	
" " Flat Plate Keel Angles	33 .42		Third Deck, amidships, Angle, [or]	/	
Keelsons, No. each side	33 .42		" " Spacing	/	
" " thickness of Intercostal Plate	33 .42		Fourth Deck, amidships, Angle, [or]	/	
" " Angles	33 .42		" " Spacing	/	
DOUBLE BOTTOM.			Poop Deck, Angle	8 3 .36	
Floors, thickness and spacing	40 " 27		" " Spacing	33 & 24	
" " Are Frame and Reversed Frame joggled?	No.		Bridge Deck, Angle	8 3 .36 E.R.	
Floors, breadth and thickness at middle line	33 .42		" " Spacing	33	
" " breadth and thickness at margin plate	33 .42		Forecastle Deck, Angle	8 1/2 3 .42	
			" " Spacing	24 & 27	

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.....	Widely Spaced				Stringer Plate, breadth and thickness in way of Bridge	47	.42	.40	.34
" in 'tween Decks, Size and Spacing.....	Pillars.				Thickness of Plating abreast Deck openings in way of Wells36	.32	
" " " " "					Thickness of Plating abreast Deck openings in way of Bridge36	.30	
" in Holds " "					Thickness of Plating within line of openings...		.34	.30	
" " " " "					If Sheathed, material and thickness				
Centre Line Bulkhead, in way of Deep tank.					Third Deck.				
Stiffeners and Spacing.....	B.A.	9 3/4	.46	33" apart.	Stringer Plate, breadth and thickness.....				
Plating, thickness of40	.32		If Plated, state thickness.....				
STRINGERS AND DECKS.					Fourth Deck.				
Uppermost Continuous Deck.					Stringer Plate, breadth and thickness.....				
Stringer Plate, breadth and thickness in Wells	58	.86	.62		If Plated, state thickness				
" " " " in way of Bridge	58	1.29			Poop Deck.				
" Angle in Wells	6	6	.86		Stringer Plate, breadth and thickness	36"	.36		
Thickness of Plating abreast Deck openings) in way of Wells40	.60		Plating, Sheathing, material and thickness30		
Thickness of Plating abreast Deck openings) in way of Bridge36	.60		Bridge Deck.				
Thickness of Plating within line of openings...	.40	.41	.34		Stringer Plate, breadth and thickness.....	58	.48		
If Sheathed, material and thickness	2 1/2"	O.P. in Crews quarters.			Plating, Sheathing, material and thickness44		
Second Deck.					Forecastle Deck.				
Stringer Plate, breadth and thickness in Wells...	47	.40	.36		Stringer Plate, breadth and thickness.....	35	.36		
					Plating, Sheathing, material and thickness34		

SHELL PLATING.

SCANTLINGS.						RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if jogged?			BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.		No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.			Diam.	Spacing cr. to cr.		Diam.	Spacing cr. to cr.	
	Inches.	Inches.	Inches.	Inches.			Inches.	Inches.		Inches.	Inches.	
FLAT PLATE KEEL	50	.80	.70	.70		Double	1	3 $\frac{1}{2}$	4-3	1	4	Lapped
„ DBLG. (if any)	/	/				/			/			
BOTTOM PLATING, No. of Strakes2.....	96	.66	.48	.50		Double	7/8	3 1/3	4-3	7/8	3 $\frac{1}{2}$ 3 $\frac{1}{8}$	Lapped
BILGE PLATING, No. of Strakes1.....	75	.66	.46	.50		"	"	"	"	"	"	"
SIDE PLATING, No. of Strakes6.....	87	.66	.46	.50		"	"	"	3	"	3 1/16	"
UPPER DECK, Sheer-strake in Wells.....	50	.87	.62	.66	at Bridge ends.	"	1	3 $\frac{1}{2}$	5-4-3	1 $\frac{1}{2}$ 1	4 $\frac{1}{2}$ 4	"
UPPER DECK, Sheer-strake in Bridge ...	54	.66				"	7/8	3 1/3	3	7/8	3 1/16	"
STRAKE BELOW Sheer-strake in Wells.....	50	.75-.60		.62		"	1	3 $\frac{1}{2}$	4-3	1 7/8	4 3 1/16	"
STRAKE BELOW Sheer-strake in Bridge ...	50	.66				"	7/8	3 1/3	3	7/8	3 1/16	"
POOP SIDE PLATING38		Single	$\frac{3}{4}$	3	1	$\frac{3}{4}$	2 5/8	"
BRIDGE SIDE PLATING60				Double	7/8	3 1/3	3	7/8	3 1/16	"
FOREC'TLE SIDE PLATING			.42			Single	$\frac{3}{4}$	3	1	$\frac{3}{4}$	2 5/8	"

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—							
Extending to Upper Deck (Sec. 3 c)	4.						
" Deck next below	2.	Re					
As per Rule	6.	Endorsement					
		STIFFENERS.					
		VERTICAL.		HORIZONTAL.			
		Scantlings.	Spacing.	Scantlings.	Spacing.		
MIDSHIP BULKHD, Upper tween deck		61-77	28-26	52x3x34A	30"	✓	
" " Second		146	28-26	52x3x34A	31"	✓	
" " Third		51	46-30	15x4x4x48C	25 1/2"	✓	
" " Holds		58-61	48-30	13x4x4x48C	24"	✓	
COLLISION (in Hold)		77	48-30	10x3 1/2 x 54B.A	30"	✓	
AFTER PEAK		117	50-30	12x3 1/2 x 31 x 5 C	31"	✓	SEMI BOX BEAM 48x34"
		8.	50-30	10x3 1/2 x 5 B.A	24"	✓	

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	/			
STEM	Forged Steel	10x2 1/2"		
STERN FRAME { Propeller Post	C.S.	10x8	Sumitomo Stl Wks. Osaka.	
{ Rudder "	C.S.	9x8		
RUDDER—A x D.....		473		
Speed of Vessel.....		11 knots		
RUDDER mainpiece at head ...	F.S.	10"	Kobe Steel Wks.	
" " heel ...	F.S.	7 1/2"		
" how constructed		Built		
" double or single plate	Single	1.08"		
" coupling, vertical or horizontal.....	Vertical	27 1/2"x22 1/2"		

STEEL.	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) (Open Hearth Process). Dorman Long & Co., Pather Iron & Steel Works., August Thyssen-Hutte, Gewerkschaft, Hamborn & Rh., Has the Steel been tested as required by the Rules? Yes.
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ANCHORS.

CHAIN CABLES.

HAWSERS AND WARPS.

0301

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 Plans should be embodied.)

PILLARS, No. of R

" in 'twee

" "

" in Ho

" "

Centre Line 1
Stiffeners and

Plating, thic

STRINGERS A
Uppermost C
Stringer Pla

"

" A

Thickness
in way

Thicknes
in way

Thicknes

If Sheat

Second
Stringe

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FLAT PL

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

1st Bower 36-2-24. A.L.J. 640 10-12-18.
2nd " 35-0-27. A.L.J. 627. 25-11-18.
3rd " 34-2-3. A.L.J. 482. 13-6-18.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 58.25 ft., R.Q.D. / ft., Bridge 110.0 ft., Forecastle 40.5 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) 2 dks. steel. 2 tiers of beams.

Official No. 33085. ; Signal Letters T.L.M.J.
particulars of composition Fore and Aft Peaks, F.W.Tanks, Cofferdams and Wells cement washed. Fuel Oil Tanks not coated. Is bottom of Vessel coated with cement. if not give

PARTICULARS OF WATER BALLAST.— (Salt water)

Where Fitted.

Double bottom, aft,
Double bottom, under Engines and Boilers,
Double bottom, if under Engines only,
Double bottom, if under Boilers only,
Double bottom, forward,

*Length.
Feet.

Water Capacity.
Tons.

126.5

377.82

44.0

231.95

176.25

605.51

Total capacity of
double bottom 1215.28

* The wells are not to be included in the lengths of the tanks.
(If necessary, furnish further information by sketch.)

Where Fitted.

Fore peak tank,
After peak tank,
Deep tank, aft,
Deep tank, forward,
Other tanks, if fitted,

*Length.
Feet.

Water Capacity.
Tons.

21.781

125.68

16.000

32.52

27.500

735.30

Order for Special Survey No. 79.

Date 8th June 1926.
LONDON.

Dates of Surveys
held while building

1927.
Jan. 20. 24. Mar. 10. 15. 24. 28. 30. Apr. 13. 18. 21. 25. 30. May 2. 4. 5. 6. 11. 16. 17. 20.
23. 24. 25. June 2. 3. 6. 10. 13. 14. 16. 17. 20. 22. 23. 28. 29. 30. July 1. 4. 7. 11. 13. 18.
21. 26. 27. 28. Aug. 2. 3. 5. 9. 11. 12. 15. 16. 17. 18. 19. 22. 23. 25. 26. 29. 30.

STEEL.

Dorman Long
& Rh.,

Has the Steel been tested as required by the Rules? Yes.

Total No. of Visits 64.