

Received at London Office

20 APR 1954

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.....12 Dec 1953..... Port of.....Kala Sibirnasaki..... No. 291

Survey held at Nagasaki Date First Survey 30th March Last Survey 14th November 1953

On the ^{(State if Machinery fitted Aft and}
_{if Single, Twin or Triple Screw)} Steel Twin Screw motor vessel "Victoria Maru" ✓

State Type / (Full Scantling, Complete Superstructure with or without Tonnage Openings) Full Scantling State Type of Erections for castle Bridge & Pier

TONNAGE under } 6647.02
Tonnage Deck ...

CLASS +100 AI 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 } L 460.16
post on summer L.W.L. See Sec. 3 (1a)

Launched 29 August, 1953 ✓ Yard No. 437 ✓

Total	6,647.12
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Breadth (greatest moulded) B 62.34 ✓

Depth, at middle of length from top of keel to top }
of beam at side of uppermost continuous } D 34.45 ✓
deck. See Sec. 3 (1c)

Builders Nagasaki Zosen Shō Mitsubishi Zosen KK ✓

Gross Tonnage 7620.32

1st Longitudinal Number ($L \times D$).....= 1585251

2nd Numeral $L \times (B + D)$ = 4453889

Owners Mitsubishi Kaisha K.K.

Register Tonnage 4362.11

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

REGISTERED DIMENSIONS.
FEET

Framing Depth "d," at middle of length. See } 21.2

Residence

gth 467.61

Proportions—Depth to Length—Uppermost continuous deck to top of keel } 13.4

Port of Registry.....Tokyo.....

adth 62.34

Do. Long Bridge to } 10.2
top of keel }

If surveyed while building, afloat, or in dry dock

th 34.45

Draught Moulded ..J.G.FRD 8,419 m..... 27.6 ✓

whilst building.

whilst building ✓

		INCHES IN SHIP. H.M.		Any Departure from Approved Plans to be Noted.				INCHES IN SHIP. H.M.		Any Departure from Approved Plans to be Noted.	
FRAMES, Spacing amidships.....			800		✓	Bracket Floors, Frame					
" " from 1/2 length amidships to Collision bulkhead.....			650		✓	" " Reversed Frame.....					
" " in peaks			600		✓	" " Vertical Struts					
SIDE FRAMING.						Centre Girder, depth and thickness amidships		1170	135		✓
Frame Amidships, Angle, \angle or \angle		300	90	10/155	✓	" " top Angles		Welded			✓
" " Extends up to.....			2nd dk			" " bottom Angles.....		20			✓
Reversed Frame Amidships, Angle						Side Girders, No. each side and thickness.....		1	95		✓
" " Extends up to						Margin Plate depth (excl. of flange) and thickness		995	135		✓
Depth of Framing Girder.....		300			✓	" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem		Welded			✓
Frames in Uppermost Continuous 'tween Decks, Angle, \angle or \angle		200	90	8/125	✓	" " Vertical Angle to Tank side Bracket from forward 1/4 len. from stem to Panting Area		Welded			✓
" " Second 'tween Decks, Angle, \angle or \angle		125	75	10	✓	" " Gussets, spacing and scantling abaft 1/2 len. from stem.....		Continuous	12		✓
" " Third						" " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area		20			✓
" " from 1/2 len. for'd. to 15% len. from Stem		300	90	10/155	✓	Tank Side Brackets, height above base line at toe of Frame and thickness		2,200	12		✓
" " in Peaks, Angle or \angle						INNER BOTTOM PLATING.					
Diameter and Spacing of Rivets through Frame and Shell Plating amid- ships					✓	Breadth and thickness of Middle Line Strake...		1370	13		✓
State if Frame Joggled.....		Yes			✓	Thickness of remainder in Holds			115		✓
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, \angle or \angle		200	90	8/135	✓
Floors, Depth and thickness at mid-line in Holds.....						" " in way of Bridge, Angle, \angle or \angle		150	90	10/155	✓
Height of Brackets at side above base line at toe of frame.....						Spacing		800			✓
Middle Line Keelson on Floors, Angles, \angle or \angle						Second Deck, amidships, Angle, \angle or \angle		230	90	9/13	✓
" " Through Plate or Inter- costal Plate						Spacing		800			✓
" " Foundation Plate on Floors						Third Deck, amidships, Angle, \angle or \angle					
" " Flat Plate Keel Angles						Spacing.....					
Side Keelsons, No. each side.....						Fourth Deck, amidships, Angle, \angle or \angle					
" " thickness of Intercoastal Plate.....						Spacing.....					
" " Angles						Poop Deck, Angle, \angle or \angle		150	90	9	✓
DOUBLE BOTTOM.						Spacing.....		600			✓
Solid Floors, thickness and spacing		11	800		✓	Bridge Deck, Angle, \angle or \angle		150	90	9/13	✓
" " Are Frame and Reversed Frame joggled ?		No			✓	Spacing.....		800			✓
Bracket Floors, breadth and thickness at middle line		Solid			✓	Forecastle Deck, Angle, \angle or \angle		150	90	12	✓
" " breadth and thickness at margin plate.....		20			✓	Spacing.....		600			✓

012888-012897-0195^{1/2}

PILLARS AND DECKS.

	INCHES IN SHIP. M.M.			Any Departure from Approved Plans to be Noted.		INCHES IN SHIP. M.M.			Any Departure from Approved Plans to be Noted.	
PILLARS, No. of Rows	No. 1	145 x 9	7.15	✓						
" " " " " "	"	130 x 9	"							
" " " " " "	No. 2	260 x 10	12.5							
" " " " " "	"	280 x 11	"							
" " " " " "	No. 3	280 x 14	12.0							
" " " " " "	No. 4	260 x 14	8.0							
" " " " " "	No. 5	230 x 11	12.0							
" " " " " "	"	260 x 10	"							
" " " " " "	No. 6	160 x 10	7.2	✓						
" " " " " "										
" " " " " "	No. 1	270 x 12	7.15	✓						
" " " " " "	No. 2	380 x 15	12.5	✓						
" " " " " "	"	450 x 16	"							
" " " " " "	No. 3	450 x 16	7.2	✓						
" " " " " "	"	450 x 16	"							
" " " " " "	No. 5	400 x 15	12.0	✓						
" " " " " "	"	360 x 14	"							
Centre Line Bulkhead. Stiffeners and Spacing										
Plating, thickness of										
STRINGERS AND DECKS. Uppermost Continuous Deck. Stringer Plate, breadth and thickness in Wells	1,800	28		✓						
" " " " " " in way of Bridge	1,800	11		✓						
" " " " " " Angle in Wells	200	200	25	✓						
Thickness of Plating abreast Deck openings in way of Wells		28		✓						
Thickness of Plating abreast Deck openings in way of Bridge.....		9.5								
		10.5 in way of opening		✓						
Thickness of Plating within line of openings...		9								
		7.5 in way of bridge		✓						
If Sheathed, material and thickness.....										
Second Deck. Stringer Plate, breadth and thickness in Wells		9.5 aft		✓						
		10.5 fore								
Stringer Plate, breadth and thickness in way of Bridge	1,600	7.5		✓						
Thickness of Plating abreast Deck openings in way of Wells		9.5 aft		✓						
		10.5 fore								
Thickness of Plating abreast Deck openings in way of Bridge.....		7.5		✓						
Thickness of Plating within line of openings...		7.5		✓						
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.....		7.5		✓						
Plating, Sheathing, material and thickness ...		-								
Bridge Deck. Stringer Plate, breadth and thickness.....	1,800	18.5 ft		✓						
		23 ft								
Plating, Sheathing, material and thickness ...		9.5 within line of opening		✓						
		17.5 in way of eng opening		✓						
		18.5 in well		✓						
Forecastle Deck. Stringer Plate, breadth and thickness.....		8								
Plating, Sheathing, material and thickness...		8								

SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged? 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.	
Flat Plate Keel.....	1.370	23 ✓	25 ✓ 23	23 ✓		Double	Inches. net. 28 25	Inches. net. 115 115	welded ✓			
„ Dblg. (if any)												
Bottom Plating, No. of Strakes4.....	2.100 2.100 2.000 1.800	18.5 ✓ 20 in wells ✓	18 ✓ 15 16	16 ✓ 13.5		Double	25	115	welded ✓			
Bilge Plating, No. of Strakes2.....	1.800 1.600	18.5 ✓ 20 in wells ✓	15 ✓ 16	16		Double	25	115	welded ✓			
Side Plating, No. of Strakes4.....	1.900 2.000 2.000 1.400	16 17 in wells ✓	15 below L.W.L. 12 above L.W.L.	12		Double	22	100	welded ✓			
Upper Deck, Sheer- strake in Wells.....	1.600	25 ✓	12 ✓	12		welded			welded ✓			
Upper Deck, Sheer- strake in Bridge ...	1.650	16 ✓				welded			welded ✓			
Strake below Sheer- strake in Wells.....	1.500	17 fore 16 aft	12 ✓	12		Double	22	100	welded ✓			
Strake below Sheer- strake in Bridge ...	1.250	16 ✓				Double	22	100	welded ✓			
Poop Side Plating.....				10 ✓		welded						
Bridge Side Plating.....		Sheer Str. 19 16 ✓				Double	25 22	115 100	welded ✓			
Forecastle Side Plating			11 ✓			welded			welded ✓			

WATERTIGHT BULKHEADS.

FORGINGS AND CASTINGS.

Total No. of W.T. BULKHEADS in Vessel—		Extending to Upper Deck (Sec. 3 c)		Deck next below		As per Rule	
		8		10		7	

	Plating Thickness. M.M.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings. M.M.	Spacing. M.M.	Scantlings. M.M.	Spacing. M.M.
MIDSHIP BULKH'D, Upper 'tween decks	6-5-7	125x75x7 I	700		
" " Second "					
" " Third "					
" " Holds	125-75	300x90x 9/16 I	700		
		125x75x7 I			
COLLISION " (in Hold)	13-65	125x75x10 I	600	9.5 PL	1,800
AFTER PEAK " "	13-8	125x75x10 I	700	9.5 PL	1,900

	Casting or Forging.	Scantlings. m.m.	Maker's Name.	Any Departure from Approved Plans to be Noted
KEEL, Bar	Forged steel to G.M.W.L. Steel casting above G.M.W.L.	260x75	Mitsubishi Steel Works Nagasaki	As approved
STEM		40x260		
STERN FRAME	Propeller Post	Steel casting	DO.	
	Rudder			
Speed of Vessel			17 Knots	
RUDDER—Type			Semi-balanced Rudder	
" A x D	18.08 M ² x	2.9 M = 163 M ²		
" Diam. of head		330		
" Mainpiece at top pintle	Casting	40x20x100		
" " heel		445x40x150		
" how constructed	plate + diaphragms	445x40		
" double or single plate	Double			
" coupling, vertical or horizontal	Vertical			

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture).....Open Hearth

Has the Steel been tested as required by the Rules?

Yes

Lloyd's Register
Foundation

20 APR 1954

EQUIPMENT No. 47.129

LETTER 4

ANCHORS.

Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.				WEIGHT REQUIRED BY TABLE 53.		Description of Anchor.	Makers.	Where and when tested, and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.	lbs.			
Y-4797	1st Bower	77	3	20				58	10	0	0	81 1/4		Latest Improved Hall's Type	Tokyo Steel Casting Co.	T.S.C.P.H. 4-8-53 K.N.
Y-4795	2nd "	77	2	4				58	10	0	0			C.S. Head, C.S. Shank	P.O.	Do
Y-4796	3rd "	77	1	21				58	10	0	0			F.S. Shackles & Pin	P.O.	Do
	Collective weight	232	3	17								232				
Y-4798	Stream	24	3	5	6	2	21	24	15	0	0			Stock Anchor	Tokyo Steel Casting Co.	T.S.C.P.H. 4-8-53 K.N.

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.	
	Fathoms	Diam.	Stagnant	Breaking	Supplied	Per Rule	Fathoms	Diam.					Fathoms	Diam.		Fathoms	Diam.
Y-380	555.90	56	25490	176700	39.448	47.76	55.0	635	Special C.S. Stud Link	Osaka Chain Machinery Co. Kaizuka	Osaka Chain Machinery Co. 30.0.53 M.M. 27.10.53 M.M.	TOWLINE	240	40	91.3	220	121
												HAWSERS & WARPS					
													4-985	65	23.08	185	203
Iron Stream Chain or Steel Wire	230	12.1		6945			220	121	Steel wire	Tokyo Wire Rope Mfg. Co.	Kob 13-8-53 K.T.						

Steering Gear, Type (Power or hand) Electric Hydraulic (35 H.P.) 2 Motors Alternative Means of Steering Taney type hand pump

Steering Chains (Size and Test) None Windlass Electric (80 H.P.) Boats 2 (Wood)

Holds, thickness and material 65 mm. pine on 13 mm. sleepers Cargo Battens, thickness, material and spacing 180 mm.

Decks, (Upper Deck) Remaining Hatches; Steel plate and angles (welded) Thickness of Hatches Na 1; 9 mm. steel plate.

Decks No. 1 (Fwd.) 6500 x 5500 No. 2 12500 x 7000 No. 3 11200 x 7000 No. 4 9600 x 8000 No. 5 12000 x 7000 No. 6 7200 x 7000

Shifting Beams Steel cover 7 6 5 7 4

Builder's Signature J. Matsushita
NAGASAKI WORKS
MITSUBISHI SHIPBUILDING & ENGINEERING CO., LTD.

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. Yes
Whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo. Yes 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 ship has been built under Special Survey in conformity with the Society's Rules and Regulations and Secretary's letters. The scantlings and arrangements of the ship are as given in the report and as shown on the "as built" and "as fitted" plans now forwarded. All modifications or additions to the original approved arrangements made during construction have been indicated on the plans and have been approved as being in accordance with or standards equivalent to the Rules requirements. The plans of midship section and profile and decks showing the ship as fitted now forwarded herewith have been checked with the approved arrangements and found in order. The materials and workmanship are satisfactory. All double bottom tanks, peak tanks and deep tanks have been tested as required by the Rules and found satisfactory. The weather decks, 'T' Bulkheads, Tunnel, 'T' Floor have been satisfactorily tested. Engines and steering gear have been satisfactorily tried under working condition. The freeboards assigned by the Japanese Government have been marked on both sides (verified and cut in). Oil fuel flash point not less than 150°F can be carried in the D.B. tanks Nos. 1, 2, 3, 5, 6 & 7, the wing & centre tanks and tanks. Vegetable oil can be carried in the Deep Tanks.

The amount of Entry Fee £2020.000 Fees applied for, APR - 7 1954
Special Survey Fee £ : : LOCALLY
Received by me, We
Travelling Expenses, if any £38,200 : : I am of opinion the Vessel should be Classed +100 A1

State whether the Vessel has been built under Special Survey Yes
Certificate to be sent to Shimonoseki Date of issue 9/6/54
Signature Revised Shimonoseki
Surveyor to Lloyd's Register of Shipping.

Committee's Minute FRIDAY 21 MAY 1954
Character assigned +100 A1 Carrying vegetable oil in deep tank aft.

Lloyds A & C.P. +LMC 11.53 Oil Eng. (with Torsional Endorsement)
DB (WT) 100 lb.
CL

012888-012897-01952/2

Lloyd's Register 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.)

The following plans are enclosed :

As Fitted.

Midship Section

Construction Profile and Deck Plans (2-Sheets)

W/L & O/T Bulkheads

CAPACITY PLAN

Stern casting

Shaft bracket

Stem

Rudder

Shell expansion

Double Bottom Plans (2-Sheets)

Both Peak Construction

Upper bridgedeck w.s.p. girder & house under

Welding detail (Indus Unionmelt)

PUMPING PLAN

P403 STEEL DETAILS

CASTING & Forging Certificates :

Stem

Stern cut up

Stern frame

Shaft bracket

Rudder stock

Rudder frame

Sister Ships :

T.M.T. ASO MARU (No. 1421) T.M.T. ARIMAMARU (No. 1424), T.M.T. TOMISHIMA MARU (No. 1426)

T.M.T. AWATAMARU (No. 1428), T.M.T. ARITAMARU (No. 1430)

PARTICULARS OF ELECTRIC WELDING (if employed) V.T. & O.T. Bhd. plating & stiffeners, Tunnel, Tank top plating, Floors & Engine seating. Frames to shell amidships (frames riveted at ends), Deck plating, Beams & Girders, All shell plg butts. Part of side shell plating. All casings, Deck houses, Superstructure decks.

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

Cruiser Stern - D.F. - ESD - G/c - Radar - LLOYD'S A/Cp - Part Elect welded -

Fitted for O.F. F.P. above 150°F. To be carried in all D.B. (Except No. 4) & wing Tanks & Centre Tank.

Vegitable oil to be carried in D.T.'s in No. 4 Hold.

RADAR Equipment (State if fitted) Pecca Marine Radar

State Type or Pattern No. Type 12 Indicator R-1575

State } Maker Pecca Radar Co

Name } and/or

of } Supplier Anzies Electric Co. Ltd.

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

	1st Bower	Weight of Head	2nd	3rd	4th
1st	51	51	0	19	K.N.
2nd	51	0	19	K.N.	Y-4791
3rd	51	0	19	K.N.	Y-4792

Y-4793 30-7-53

Y-4791 30-7-53

Y-4792 30-7-53

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 24 ft., R.Q.D. 199 ft., Bridge 203.8 ft., Forecastle 49.2 ft. (in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated

Official No. 71480

Signal Letters JD PF

Extreme Breadth over Belting (Circ. 1611)

Over-all Length 495.24 (Circ. 1703)

No. and Material of Decks

2 Decks - Steel

Parts of Bottom of Vessel coated with cement or approved composition Fore & Aft peaks, No. 4 D.B.T. Bilges

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.
Double bottom, aft, (TKs Nos 6 & 7)	115.5'	316.94	Fore peak tank,	23.2'	124.92
Double bottom, under Engines and Boilers,	63.0'	311.08	After peak tank,	25.69'	108.41
Double bottom, if under Engines only, CLEAN OIL TK	P 23	35.66	Deep tanks aft, (Oil fuel)	72.36'	489.96
Double bottom, if under Boilers only, No. 5 D.B. TK	P 23	239.40	Deep tanks forward,	36.75'	189.34
Double bottom, forward,	195.23	580.48	Other tanks, if fitted, Centre O.F. tank	31.5'	177.48
Total length (if continuous) and Capacity	365.73	897.62	(If necessary furnish further information by sketch.)		

Order for Special Survey No.

Date

Dates of Surveys held while building

1953

March, 30 April 8/16/30 May 15/22 25/27/29 June 5/8/10/11/12/13/24 July 12/17/20/22/24/27/30

Aug 1/3/4/5/6/8/10/11/12/14/18/19/21/24/25/26/27/28/29/31

Sep 1/7/8/10/11/22/24/25/28/29 Oct 1/2/5/6/12/16/19/21/24/27/29/30/31 Nov 4/6/7/9/10/11/13/14

Total No. of Visits 74