

With or Without Disconnected Erections.

STEEL STEAMER.

TUE. SEP. 28 1920

Received at London Office

State if Report is also sent on the Machinery of the Vessel

Date of completion of report
Survey held at

June 19th 1920

Port of

Kobe

Date, First Survey

JANUARY 16th

Last Survey

JUNE 7th

1920.

On the (State if Single, Twin, or Triple Screw)

Steel Single Screw Steamer "MALAGA MARU"

Rig

Two Masts

TONNAGE under

Tonnage Deck

Do. between Tonnage Dk.

and 3rd and 4th Dk.

Total under Upper Dk.

Do. of Poop

Do. of R.Q. Dk.

Do. of Bridge House

Do. of Forecastle

Do. of Houses on Dk.

Do. of excess of Hatchways

Do. above Crown of

Engine Room

Gross Tonnage

Less Crew Space

Less above Crown of

Engine Room

Navigation Spaces

PEAK TANKS

ster Tonnage

on Beam

NGTH on Deck

per Rule

CLASS 100A1.

FEET.

Master

S. Shimomiya

Year of appointment

(1) As Master in service of owner of present vessel—19

(2) As Master of this vessel—1920.

Built at

Kobe.

When built

1920

Launched

May 5th

By whom built

Mitsubishi Zosen

Owners

Nippon Yusen Kaisha

Managers

Residence

Tokyo.

Port belonging to

Tokyo.

Breadth (greatest moulded)

54.5

Depth, at middle of length from top of keel to top of

30.0

upper deck beams at side

84.5

Transverse Number

84.5

Length on deck from fore part of stem to after part of

400.0

stern post

33800

Longitudinal Number

33800

Depth "d," at middle of length (See Secs. 2 & 13)

18.0

Proportions—Depths to Length—Upper Deck Beam at

13.8

side to top of keel

10.6

Long Bridge Deck

Beam at side to top of keel

Destined Voyage

Calcutta to America

If Surveyed while Building, Afloat, or in Dry Dock YES.

Feet.	Inches.	BREADTH	Feet.	Inches.	DEPTH	Feet.	Inches.	Top of Floors to top of Upper Dk. Beams	Feet.	Inches.	No. of Decks with flat laid
400.0	0	Moulded	54.5	8	Do.	30.0	0	Do.	23.6	8	TWO
											No. of Tiers of Beams
											TWO

Dimensions of Ship per Register, Length	400.0	breadth	54.5	depth	30.0	Moulded depth, ft.	37	ins.	9	To Bridge Dk.	Round of Upper	13.5	ins.
						Moulded depth, ft.	30	ins.	0	To Upper Dk.	Dk. Beam, Actual	13.8	ins.

FRAMING.						PILLARS.					
Inches in Ship.						Inches in Ship.					
NAME, Angle, Bars amidships	9	3 1/2	52	9	3 1/2	52	PILLARS In 'tween Deck, size and spacing				
Do. in peaks	8	3 1/2	50	8	3 1/2	50	" Hold				
Do. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	40	3 1/2	3 1/2	40	Quarter 'tween Dks.,				
" " " " " " " " " " " "	8	3 1/2	50	8	3 1/2	50	in Hold				
acing of Frames from centre to centre amidships	33			33			KEELSONS & STRINGERS.				
" " " " " " " " " " " "	27			27			CENTRE LINE KEELSON, Vertical Plate above				
" " " " " " " " " " " "	24			24			Rider Plate, (Intercoastal Plate)				
VERSED FRAME, Angles	3 1/2	3 1/2	40	3 1/2	3 1/2	40	Flat Plate Keel Angles				
Do. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	40	3 1/2	3 1/2	40	Horizontal Plates on Floors				
" " " " " " " " " " " "	8	3 1/2	50	8	3 1/2	50	Angles or Bulb Angles				
AMING, depth of girder							SIDE KEELSONS, Number				
DOORS, depth and thickness of Floor Plate							Angles or Bulb Angles				
" " " " " " " " " " " "							Plate above floors, for				
" " " " " " " " " " " "							Intercoastal Plate, for				
" " " " " " " " " " " "							Attached to outside Plating with Angle				
" " " " " " " " " " " "							BILGE KEELSON, Angles				
" " " " " " " " " " " "							Intercoastal Plate for				
" " " " " " " " " " " "							Attached to outside Plating with Angle				
DOORS in Cell, Double Bottoms	40		508	40		508	SIDE STRINGERS, Number				
" " " " " " " " " " " "	66	33	27	66	33	27	Angle				
" " " " " " " " " " " "	43	50	608	43	50	608	Intercoastal Plate, for				
" " " " " " " " " " " "	5	5	625	5	5	60	Attached to outside plating with Angle				
" " " " " " " " " " " "	5	5	625	5	5	60	Upper Deck Stringer Plate, br'dth & thickness				
" " " " " " " " " " " "	39	42	508	39	42	508	(clear of Bridge)				
DE GIRDERS, number on each side & thickness	Two	40	508	Two	40	508	br'dth & thickness				
" " " " " " " " " " " "	Two	40	508	Two	40	508	(in way of Bridge)				
" " " " " " " " " " " "	Two	40	508	Two	40	508	Angle (clear of Bridge)				
" " " " " " " " " " " "	Two	40	508	Two	40	508	The Plates outside Hatchways				
" " " " " " " " " " " "	Two	40	508	Two	40	508	Deck, Steel, for				
" " " " " " " " " " " "	Two	40	508	Two	40	508	Thickness (clear of Bridge)				
" " " " " " " " " " " "	Two	40	508	Two	40	508	in way of Bridge				
" " " " " " " " " " " "	Two	40	508	Two	40	508	Wood Deck, Material & thickness				
" " " " " " " " " " " "	Two	40	508	Two	40	508	Second Deck Stringer Plate, br'dth & thickness				
" " " " " " " " " " " "	Two	40	508	Two	40	508	ditto, FLANGED				
" " " " " " " " " " " "	Two	40	508	Two	40	508	Tie Plates outside Hatchways				
" " " " " " " " " " " "	Two	40	508	Two	40	508	Deck, Steel, for				
" " " " " " " " " " " "	Two	40	508	Two	40	508	Wood Deck, Material & thickness				
" " " " " " " " " " " "	Two	40	508	Two	40	508	Third Deck Stringer Plate, br'dth & thickness				
" " " " " " " " " " " "	Two	40	508	Two	40	508	Angles on ditto, No.				
" " " " " " " " " " " "	Two	40	508	Two	40	508	Tie Plates, outside Hatchways				
" " " " " " " " " " " "	Two	40	508	Two	40	508	Deck, Material and thickness				
" " " " " " " " " " " "	Two	40	508	Two	40	508	Fourth and Fifth Deck Stringer Plate, br'dth & thickness				
" " " " " " " " " " " "	Two	40	508	Two	40	508	Angles on ditto, No.				
" " " " " " " " " " " "	Two	40	508	Two	40	508	Tie Plates outside Hatchways				
" " " " " " " " " " " "	Two	40	508	Two	40	508	Deck, Material & thickness				
" " " " " " " " " " " "	Two	40	508	Two	40	508	Poop Deck Stringer Plate, br'dth & thickness				
" " " " " " " " " " " "	Two	40	508	Two	40	508	Angle on ditto				
" " " " " " " " " " " "	Two	40	508	Two	40	508	Tie Plates				
" " " " " " " " " " " "	Two	40	508	Two	40	508	Deck, Material and thickness				
" " " " " " " " " " " "	Two	40	508	Two	40	508	Bridge Deck Stringer Plate, br'dth & thickness				
" " " " " " " " " " " "	Two	40	508	Two	40	508	Angle on ditto				
" " " " " " " " " " " "	Two	40	508	Two	40	508	Tie Plates				
" " " " " " " " " " " "	Two	40	508	Two	40	508	Deck, Material and thickness				
" " " " " " " " " " " "	Two	40	508	Two	40	508	Forecastle Deck Stringer Plate, br'dth & th'kns				
" " " " " " " " " " " "	Two	40	508	Two	40	508	Angle on ditto				
" " " " " " " " " " " "	Two	40	508	Two	40	508	Tie Plates				
" " " " " " " " " " " "	Two	40	508	Two	40	508	Deck, Material and thickness				
" " " " " " " " " " " "	Two	40	508	Two	40	508	O.P. Cheeking				
" " " " " " " " " " " "	Two	40	508	Two	40	508	If Iron or Steel Deck, state if whole or part, and if Wood Deck is laid thereon.				

[illegible]

EQUIPMENT No. 33319-3				LETTER 2				ANCHORS.				TONNAGE U.K. OR PLATING N.O. FOR TRAWLERS																																																																																																																																																		
Number of Certificate.		Anchors.		Weight, Ex Stock.		Weight of Stock.		Test, Per Certificate.		Weight Required by Table 31.		Description of Anchor.		Makers.		Where and when tested and Superintendent.																																																																																																																																														
368	1st Bower	65	3 11	Steeless	51	7 2	0 63	3 0	Halle Pat. C.S. No	Kobe St. Mar. Kobe	19-1-18 A.L.V.																																																																																																																																																			
219	2nd "	53	0 9	"	50	0 0	0 63	3 0	"	"	24-1-18																																																																																																																																																			
347	3rd "	56	0 3	"	46	0 0	0 64	2 0	"	"	6-6-18																																																																																																																																																			
	4th "																																																																																																																																																													
	Collective weight.	184	3 14						182	0 0																																																																																																																																																				
317	Stream	19	1 19	5 3 6	30	4 0	7 17	2 0	Asymmetry Type	Sunmatsu	Kobe	4-4-18 A.L.V.																																																																																																																																																		
310	Redge	8	0 13	2 2 7	10	5 0	0 17	2 0	"	"	"	4-4-18																																																																																																																																																		
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Boats Five Steering Gear, Steam By Builders Steering Gear, Hand aft																																																																																																																																																														
Pumps, Number 1 DOWNTON Diameter of Barrel 5 1/2 State whether they are in efficient working order YES.																																																																																																																																																														
Windlass is By Builders Capstan																																																																																																																																																														
Engine Room Skylights.—How constructed? Steel plates tangles What arrangements for deadlights in bad weather? Rattles over headlights																																																																																																																																																														
Coal Bin Openings.—How constructed? Steel plates tangles How are lids secured? Cleats & battens Height above deck? 18"																																																																																																																																																														
Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. 11 SCUPPERS each side: 8 1/2 x 15 1/2 Side 3' 9" x 1' 2"																																																																																																																																																														
Ceiling in Holds, thickness and material 2 1/2" PINE THROUGHOUT Cargo Battens, thickness and material 2" PINE HOLDS 7 TIMES DECK																																																																																																																																																														
Cargo Hatchways.—How formed? Steel plates tangles Hatches, if strong and efficient? YES.																																																																																																																																																														
State size No. 1 Hatch (Forward) 27' 0" x 18' 0" No. 2 Hatch 30' 3" x 18' 0" No. 3 Hatch 18' 9" x 16' 0" No. 4 Hatch 30' 3" x 18' 0"																																																																																																																																																														
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch NO. 1, 2, 4 & 5: FIVE: NO. 3 TWO																																																																																																																																																														
Bulwarks, height above deck and description 20' high x 28' 8" wide at top Main Rail, material and size Steel Bulwark angle 4" x 3" x 38																																																																																																																																																														
The foregoing is a correct description MADE WORKS, MANILA JOSEPH KAMADA, LTD., Surveyor's Signature Arnold Bennett.																																																																																																																																																														
Builder's Signature (here enter) Motomaru Horamichi, Surveyor to Lloyd's Register of Shipping.																																																																																																																																																														
Correspondence.—State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case)																																																																																																																																																														
Workmanship. Are the butts of plating planed or otherwise fitted? YES.																																																																																																																																																														
Is the riveted work properly closed? YES																																																																																																																																																														
Are the liners between the frames and plates solid single pieces? JOGGED FRAMES Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? YES																																																																																																																																																														
Are the rivet holes well and sufficiently countersunk in the plate and punched from the facing surfaces? YES																																																																																																																																																														
Do any rivets break into or through the seams or butts of the plating? a few.																																																																																																																																																														
Are the butts of Plating, Stringers, &c., properly shifted and staggered? YES																																																																																																																																																														
Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? YES State results of tests Satisfactory																																																																																																																																																														
Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? YES State results of tests Satisfactory																																																																																																																																																														
General Remarks (State quality of workmanship, &c.) This vessel has been built under Special Survey in accordance with the approved plans & the Rules of this Society. Photo prints of Midship Section, Profile Deck plating, Stern Frame &udder also Freeboard Report Freeboard Verification & certificates of forgings & castings are being forwarded herewith:																																																																																																																																																														
Similar vessel to AYAKO MARU Kobe Report 2005																																																																																																																																																														
CHUNANZAN MARU 2047																																																																																																																																																														
ORION MARU 2186																																																																																																																																																														
KAKODATE MARU 2617																																																																																																																																																														
EASTERN VICTOR 2748																																																																																																																																																														
The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans to be forwarded with F.E. Report showing vessel as built.																																																																																																																																																														

GENERAL REMARKS—(continued).

[Handwritten notes and calculations in the General Remarks section, including measurements and structural details.]

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 38.25 ft., R.Q.D. ft., Bridge 121.0 ft., Forecastle 42.6 ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated.

No. and Material of Decks (if Iron or Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (this information is to be given as should appear in the Register Book) 20X5 (sk) / Official No. 27242; Signal, Letters S.B.V.F. State if Machinery is fitted aft No. Paint. How are the surfaces preserved from oxidation? Inside Cement & Paint Outside Paint.

PARTICULARS OF WATER BALLAST.—State whether the Double bottom* is constructed on the cellular system or with girders on floors. Cellular.

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft.	126.5	355.20	Fore peak tank.	20.33	90
Double bottom, under Engines and Boilers.	20.75	95.00	After peak tank.	16.00	36
Double bottom, if under Engines only.			Deep tank, aft.		
Double bottom, if under Boilers only.			Deep tank, forward.		
Double bottom, forward.	176.75	843.50	Other tanks, if fitted.		
Total capacity of double bottom		1298.70	(If necessary, furnish further information by sketch.)		

* The wells are not to be included in the lengths of the tanks. State whether the above have been tested as required by the Rules. YES.

Order for Special Survey No. 91. Date 1920. JANUARY 15, 19, 28. FEBRUARY 2, 16, 24. MARCH 5, 8, 16, 18, 22, 23, 25, 29. APRIL 1, 4, 8, 12, 15, 16, 17, 21, 23, 24, 27, 28, 29, 30. MAY 1, 3, 4, 6, 17, 19, 24, 25, 26, 27, 31. JUNE 1, 2, 3, 7.

No. 91 in builder's yard. Surveyor's Signature Arnold Bennett. Total No. of Visits 448.