

With or Without Disconnected Erections.

STEEL STEAMER.

Received at London Office 14th JUL 1918

Date of completion of report 20 May 1918
Survey held at Nagasaki
State of Report is also sent on the Machinery of the Vessel
Port of Nagasaki
Date, First Survey 28 Dec. 1917
Last Survey 13 May 1918
No. 1181

On the (State if Single, Twin, or Triple Screw) Single Screw
TONNAGE under
Tonnage Deck...
Do. between Tonnage Dk. and 3rd and 4th Dk.
Total under Upper Dk. 3468.26
Do. of Poop 97.78

CLASS + 100 A-1.
Breadth (greatest moulded) 50.0
Depth, at middle of length from top of keel to top of upper deck beams at side 29.08
Transverse Number 179.08
Length on deck from fore part of stem to after part of stern post 345.00
Longitudinal Number 27282.60
Depth "d," at middle of length (See Secs. 2 & 13) 17.50
Proportions—Depths to Length—Upper Deck Beam at side to top of keel 11.86
Long Bridge Deck Beam at side to top of keel
Destined Voyage Kobe
If Surveyed while Building, Afloat, or in Dry Dock Building

Master J. Okazaki
Year of appointment (1) As Master in service of owner of present vessel—1918
(2) As Master of this vessel—1918
Built at Nagasaki
When built 1918 Launched 20/4/18
By whom built Mitsubishi Kasei Kaisha Ltd.
Owners Mitsubishi Shoji Kaisha Ltd.
Managers S.
Residence Yokohama
Port belonging to Yokohama

Feet. Inches. No. of Decks with flat laid 2
Feet. Inches. No. of Tiers of Beams 2
Feet. Inches. Moulded depth, ft. 36 ins. 10 To Bridge Dk. Round of Upper Dk. Beam, Actual 12 1/2 ins.
Feet. Inches. Moulded depth, ft. 29 ins. 1 To Upper Dk. Dk. Beam, Actual

of Ship per Register, Length 345 breadth 50 depth 29.08. Moulded depth, ft. 29 ins. 1 To Upper Dk. Dk. Beam, Actual

FRAMING. 30.5
Angles, or C Bars amidships 10 3/4 x 3 1/2 44 10 3/4 x 3 1/2 34
Peaks 6 3 1/2 x 3 1/2 38 6 3 1/2 x 3 1/2 36
Way of Double Bottoms at Solid Floors 7 3 1/2 x 4 1/2 42 7 3 1/2 x 4 1/2 42
at intermdt. Bkts. 4 3 1/2 x 7 1/2 4 3 1/2 x 3 1/2 38
of Frames from centre to centre amidships 8 3 1/2 x 4 1/2 8 3 1/2 x 4 1/2 46
length to Collision bulkhead 33 27 27
in peaks 24 24
SED FRAME, Angles 3 1/2 x 3 1/2 38 3 1/2 x 3 1/2 38
Way of Double Bottoms at Solid Floors 7 1/2 x 3 1/2 46 7 1/2 x 3 1/2 46
at intermdt. Bkts. 10 10
G, depth of girder 33 33
S, depth and thickness of Floor Plate at mid-line for 1/2 length amidships 27 27
Way of Engine and Boiler Spaces 24 24
thickness at the ends of vessel 38 38
Depth at 1/2 the half breadth, as per Rule 41 38 41 38
Eight extended at the Bilges 41 38 41 38
S in Cell. Double Bottoms 41 38 41 38
state if flanged (top & bottom) 66 66
Spacing of Solid floors 41 50 41 50
GIRDER, in Dbl. bottom, dpth. & thknss. 41 50 41 50
Angles, Top 5 3 1/2 x 5 1/2 4 1/2 x 4 1/2 58
Bottom 5 3 1/2 x 5 1/2 4 1/2 x 4 1/2 58
to Floors 5 5 1/2 x 5 1/2 5 5 1/2 52
Brackets at intermdt. frmg., wdth & thknss 27 40 27 40
BRIDERS, number on each side & thickness 2 36 2 36
state if flanged (top and bottom) 3 1/2 x 3 1/2 7 1/2 x 3 1/2 38
Angles (top and bottom) 7 3 1/2 x 4 1/2 7 3 1/2 x 4 1/2 44
to Floors 3 1/2 x 4 1/2 3 1/2 x 4 1/2 46
N PLATE, depth (exclusive of flange) 33 46 33 46
and thickness 3 1/2 x 3 1/2 44 3 1/2 x 3 1/2 44
Angle to Outside Plating 5 3 1/2 x 7 1/2 5 3 1/2 x 3 1/2 38
Floors 27 40 27 40
Brackets at intermdt. frmg., wdth & thknss 23 23
Height of Outside Brackets above at bilge 41 48 41 48
BOTTOM PLATING, breadth and thickness of Middle Line Strake 41 48 41 48
in Engine and Boiler space 42 42
Remainder in Holds 7 1/2 x 3 42 7 1/2 x 3 42
Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel 33 33
In way of Long Bridge 8 1/2 x 3 50 8 1/2 x 3 50
Spacing 33 33
Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel 33 33
Spacing 33 33
Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel 33 33
Angles on upper edge 33 33
Spacing 33 33
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel 8 1/2 x 3 50 8 3 42
Angles on upper edge 6 1/2 x 3 44 6 3 40
Spacing 48-33 48-33
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel 7 3 44 7 3 44
Angles on upper edge 33 33
Spacing 33 33
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel 8 3 42 8 3 42
Angles on upper edge 8 3 46 8 3 46
Spacing 54-48 54-48

PILLARS.
PILLARS, In 'tween Deck, size and spacing
Hold
Quarter 'tween Dks.
in Hold

KEELSONS & STRINGERS.
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate
Rider Plate
Flat Plate Keel Angles
Horizontal Plates on Floors
Angles or Bulb Angles
SIDE KEELSONS, Number
Angles or Bulb Angles
Plate above floors, for length
Intercoastal Plate, for length
Attached to outside Plating with Angle
BILGE KEELSON, Angles
Intercoastal Plate for length
Attached to outside Plating with Angle
SIDE STRINGERS, Number
Angle
Intercoastal Plate, for length
Attached to outside plating with Angle

Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)
br'dth & thickness (in way of Bridge)
Angle (clear of Bridge)
Tie Plate at sides of Hatchways
Deck, Iron or Steel, for lng.
Thickness (clear of Bridge)
(in way of Bridge)
Wood Deck. Material & thickness
Second Deck Stringer Plate, br'dth & thickness
Angles on ditto, No. flanged
Tie Plates outside Hatchways
Deck, Iron or Steel, for lng.
Wood Deck. Material & thickness
Third Deck Stringer Plate, br'dth & thickness
Angles on ditto, No.
Tie Plates, outside Hatchways
Deck, Material and thickness
Fourth and Fifth Deck Stringer Plate, br'dth & thickness
Angles on ditto, No.
Tie Plates outside Hatchways
Deck, Material & thickness
Poop Deck Stringer Plate, breadth & thickness
Angle on ditto
Tie Plates
Deck, Material and thickness D.P.
Bridge Deck Stringer Plate, br'dth & thickness
Angle on ditto
Tie Plates
Deck, Material and thickness S.W.S. or P.
Forecastle Deck Stringer Plate, br'dth & thickness
Angle on ditto
Tie Plates
Deck, Material and thickness S.W.S. or P.

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Form No. 1A.—1m, 2, 15, T.

Form No. 1A. WEB FRAMES. Inches in Ship. Inches in Ship. Inches in Ship. Inches in Ship. FORGINGS OR CASTINGS. Inches in Ship. Inches per Rule. KEEL, Bar, depth and thickness. STEM, moulding and thickness. STERN-POST for Rudder do. do. for Propeller. RUDDER-A x D* Table 22. Speed. Main-Piece, diameter at head. Thickness of Plates or Single Plate. Can the Rudder be unshipped afloat? Manufacturer's name or trade mark of the Iron or Steel (state process of manufacture of Steel) used for Frames, Floors, Beams, Keelsons, Tie and Stringer Plates, Plating, &c.? Has the Steel been tested as required by the Rules? PLATING. STRAKES. AS IN SHIP. PER RULE OR AS APPROVED. EDGES, ordinary. BUTTS. RIVETING. BUTTS. STRAPS. IF LAPPED. THICKNESS OF SHEERSTRAKE CLEAR OF LONG BRIDGE DO. OF STRAKE BELOW DBLG. OF PLATE KEEL. SHEERSTRAKES Length and thickness. POOP SIDES. SHORT BRIDGE SIDES. FORECASTLE SIDES. Upper Deck Stringer Plate. Second Deck Stringer Plate. FRAMES extend in one length from. REVERSED FRAMES on floors and frames extend from. MASTS, SPARS, &c. LOWER MASTS. Bowsprit. Topmasts, Yards and Remainder of Spars. Rigging, Material and Size, Shrouds. Stays. Sails. Sails, and the following spare sails.

EQUIPMENT No. 28435. LETTER N. ANCHORS. TONNAGE U. K. OR PLATING No. FOR TRAWLERS. Number of Certificate. Anchors. WEIGHT OF STOCK. TEST, PER CERTIFICATE. WEIGHT REQUIRED BY TABLE 31. Description of Anchor. Makers. Where and when tested and Superintendent. Particulars of Drop Test of Cast Steel Anchors, viz.: Weight, Surveyor's Initials, Number of Certificate, Date of Test. CHAIN CABLES. HAWSERS AND WARPS. Boats. Steering Gear, Steam. Steering Gear, Hand. Pumps, Number. Diameter of Barrel. Windlass is. Engine Room Skylights. Coal Bunker Openings. Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. Ceiling in Holds, thickness and material. Cargo Battsens, thickness and material. Cargo Hatchways. Hatches, If strong and efficient? State size No. 1 Hatch (Forward). No. 2 Hatch. No. 3 Hatch. No. 4 Hatch. Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch. No. of Breasthooks. No. of Crutches. Bulwarks, height above deck and description. The foregoing is a correct description. Builder's Signature. GENERAL MANAGER. Surveyor's Signature. Correspondence. Workmanship. Are the butts of plating planed or otherwise fitted? Is the riveted work properly closed? Are the liners between the frames and plates solid single pieces? Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? Are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces? Do any rivets break into or through the seams or butts of the plating? Are the butts of Plating, Stringers, &c., properly shifted and strapped? Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? General Remarks (State quality of workmanship, &c.). Sister vessel to Nagano Maru (Commissariat now named Zuihai Maru) Rpt. 1157. 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. The amount of Entry Fee. Special Survey Fee. Travelling Expenses, if any. State whether the Vessel has been built under Special Survey. I am of opinion this Vessel should be Classed. With, or without Freeboard, as condition of Class. Committee's Minute. Character assigned. TUE 16 JUL 1918. 10001. 2865. 284. 327. 282. 283. 425. 426. 90. 3. 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100.

GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 33 ft., R.Q.D. — ft., Bridge 77 ft., Forecastle 40 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 on the Register Book) 2 x 4 (5th).
 Official No. —; Signal Letters —. State if Machinery is fitted aft no.
 How are the surfaces preserved from oxidation? Inside Paint & cement, tanks bit red. Outside Paint.
Boiler tank floors enamel. Tank top under boilers bit.

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, | <u>107</u> | <u>250</u> | Fore peak tank, | <u>10</u> | <u>27</u> |
| Double bottom, under Engines and Boilers, | <u>52</u> | <u>172</u> | After peak tank, | | |
| Double bottom, if under Engines only, | | | Deep tank, aft, | | |
| Double bottom, if under Boilers only, | | | Deep tank, forward, | | |
| Double bottom, forward, | <u>135</u> | <u>350</u> | Other tanks, if fitted, | | |
| Total capacity of double bottom | | <u>772</u> | (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. —

Date 15/3/17

No. 276 in builder's yard.

DATES of Surveys held while building

1917 1918
Dec 28 Jan 4. 16. 21. 23. 25. Feb 1. 3. 6. 14. 15. 26. 27. Mar 1. 2. 4. 12. 15. 19. 20. 23. 28
Apr 1. 6. 8. 10. 11. 13. 15. 16. 17. 19. 20. 27. 29. May 1. 2. 4. 6. 8. 13.

Surveyor's Signature

E. D. C. Lither
 Lloyd's Register Foundation