

STEEL ~~STEAMER~~ or MOTORSHIP.

Received at London Office 28 AUG 1926

State if Report has been sent on the Freeboard of the Vessel ☒State if Report is sent on the Machinery of the Vessel ☒

Date of completion of report

9.7.26

Port of Kobe

No. 5360

Survey held at

Harima

Date First Survey

4th February 1926

Last Survey

9.7.1926

On the

(State if Machinery fitted with or without Tonnage Openings)

Steel Single Screw Motorship

NODA MARU.

(mach^y aft)

State Type

(Full scantling, complete superstructure with or without Tonnage Openings)

A1 Barge for

service in the

Inland Sea of Japan

State if with freeboard

as condition of Class

No

State Type of Erections

Built at Harima

TONNAGE under

77.39

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 90.0

Launched 25th May 1926 Yard No. 122

Total

77.39

Breadth (greatest moulded)

B 17.25

Builders Kobe Steel Works, Harima Dockyard

Gross Tonnage

96.73

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

D 6.67

Owners Empire Shipping Co.

Register Tonnage

57.49

1st Longitudinal Number (L x D) = 600.3

Managers A.P. Scott

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

2nd Numeral L x (B + D) = 2152.8

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

5.67

Residence

Tokyo

REGISTERED DIMENSIONS. FEET.

Length

90

Breadth

17.25

Port of Registry Kobe

Depth

6.67

Draught Moulded

4.75

If surveyed while building, afloat, or in dry dock

Yes.

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 | 20" | | Bracket Floors, Frame | | |
| " " from $\frac{1}{2}$ length to Collision bulkhead | -do- | | " " Reversed Frame | | |
| " " in peaks | -do- | | " " Vertical Struts | | |
| IDE FRAMING. | | | Centre Girder, depth and thickness amidships | | |
| Frame Amidships, Angle | 3" x 2 $\frac{1}{2}$ " x 24" | | " " top Angles | | |
| " " Extends up to | Upper deck. | | " " bottom Angles | | |
| " " MACHINERY SPACE. | | | Side Girders, No. each side and thickness | | |
| Reversed Frame Amidships, Angle | 2 $\frac{1}{2}$ " x 2 $\frac{1}{2}$ " x 5 $\frac{1}{16}$ " | | Margin Plate depth (excl. of flange) and thickness | | |
| " " Extends up to | Upper deck. | | " " Vertical Angle to Tank side | | |
| Depth of Framing Girder | 3" | | " " Bracket abaft $\frac{1}{4}$ len. from stem | | |
| Frames in Uppermost Continuous 'tween Decks, Angle, [or] | | | " " Vertical Angle to Tank side | | |
| " " Second 'tween Decks, Angle, [or] | | | " " Bracket forward $\frac{1}{4}$ len. from stem | | |
| " " Third " " " | | | " " Gussets, spacing and scantling abaft $\frac{1}{4}$ len. from stem | | |
| Framing in Peaks, Angle | 3" x 2 $\frac{1}{2}$ " x 24" | | " " Gussets, spacing and scantling forward $\frac{1}{4}$ len. from stem | | |
| Diameter and Spacing of Rivets through Frame and Shell Plating amidships | 5 $\frac{1}{8}$ " x 7 diameters | | Tank Side Brackets, height above base line at toe of Frame and thickness | | |
| State if Frame Joggled | Yes. | | INNER BOTTOM PLATING. | | |
| STIFFENING ARRANGEMENTS (Sec. 7), state system and particulars | | | Breadth and thickness of Middle Line Strake | | |
| STRENGTHENING OF BOTTOM FORWARD. State Particulars | | | Thickness of remainder in Holds | | |
| DOUBLE 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? | | |
| Floors, Depth and thickness at mid-line in Holds | 10" x $\frac{1}{4}$ " | | BEAMS. | | |
| Height of Brackets at side above base line at toe of frame | 3 $\frac{1}{2}$ " x 3 $\frac{1}{2}$ " x 3" | | Uppermost Continuous Deck, amidships | 3" x 2 $\frac{1}{4}$ " x $\frac{1}{4}$ " | Half beams |
| Middle Line Keelson, on Floors, Angles | 2 $\frac{1}{2}$ " x 2 $\frac{1}{2}$ " x $\frac{1}{4}$ " | | " " Angle, [or] | 3 $\frac{1}{2}$ " x 2 $\frac{1}{2}$ " x 30" | True " |
| " " Through Plate or Intercostal Plate | 28" x 26" | | " " in way of Bridge, Angle, [or] | | |
| " " Foundation Plate on Floors | 2 $\frac{1}{2}$ " x 2 $\frac{1}{2}$ " x $\frac{1}{4}$ " | | Spacing | 20" | |
| " " Flat Plate Keel Angles | | | Second Deck, amidships, Angle, [or] | | |
| Keelsons, No. each side | | | Spacing | | |
| " thickness of Intercostal Plate | | | Third Deck, amidships, Angle, [or] | | |
| " Angles | | | Spacing | | |
| DOUBLE BOTTOM. | | | Fourth Deck, amidships, Angle, [or] | | |
| Floors, thickness and spacing | | | Spacing | | |
| " Are Frame and Reversed Frame joggled? | | | Poop Deck, Angle, [or] | | |
| Bracket Floors, breadth and thickness at middle line | | | Spacing | | |
| " breadth and thickness at margin plate | | | Bridge Deck, Angle, [or] | | |
| | | | Spacing | | |
| | | | Forecastle Deck, Angle, [or] | | |
| | | | Spacing | | |

W1344-0185/12

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..... | | | | Stringer Plate, breadth and thickness in way of Bridge | | | |
| " in 'tween Decks, Size and Spacing..... | | | | Thickness of Plating abreast Deck openings in way of Wells | | | |
| " " " " " " " " | | | | Thickness of Plating abreast Deck openings in way of Bridge | | | |
| " in Holds " " " | | | | Thickness of Plating within line of openings... | | | |
| " " " " " " | | | | If Sheathed, material and thickness | | | |
| Centre Line Bulkhead. | | | | Third Deck. | | | |
| Stiffeners and Spacing..... | | | | Stringer Plate, breadth and thickness..... | | | |
| Plating, thickness of | | | | If Plated, state thickness..... | | | |
| STRINGERS AND DECKS. | | | | Fourth Deck. | | | |
| Uppermost Continuous Deck. | | | | Stringer Plate, breadth and thickness..... | | | |
| Stringer Plate, breadth and thickness 41" 41" x 1/4" | | | | If Plated, state thickness | | | |
| " " " " in way of Bridge | | | | Poop Deck. | | | |
| " Angle 41" 3" x 3" x 3/2" | | | | Stringer Plate, breadth and thickness | | | |
| Thickness of Plating abreast Deck openings 1/4" 1/4" | | | | Plating, Sheathing, material and thickness ... | | | |
| Thickness of Plating abreast Deck openings in way of Bridge | | | | Bridge Deck. | | | |
| Thickness of Plating within line of openings... | | | | Stringer Plate, breadth and thickness..... | | | |
| If Sheathed, material and thickness | | | | Plating, Sheathing, material and thickness ... | | | |
| Second Deck. | | | | Forecastle Deck. | | | |
| Stringer Plate, breadth and thickness in Wells... | | | | Stringer Plate, breadth and thickness..... | | | |
| | | | | Plating, Sheathing, material and thickness ... | | | |

SHELL PLATING.

| SCANTLINGS. | | | | | RIVETING. | | | | | | | |
|--|---------------|------------|------------|------------|--|-------------------|---------|--------------------|------------------------|---------|--------------------|---------------------|
| STRAKES. | AS IN VESSEL. | | | | ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED. | EDGES. | | | 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 | 31" | 34 | 30 | 30 | | Single | 5/8" | 2 1/2" | Two | 5/8" | 2 1/4" | Lapped |
| " DBLG. (if any) | | | | | | | | | | | | |
| BOTTOM PLATING, No. of Strakes 2 | 36" | 26 | 24 | 24 | | - do - | - do - | - do - | - do - | - do - | - do - | - do - |
| BILGE PLATING, No. of Strakes 1 | 36" | - do - | 24 | 24 | | - do - | - do - | - do - | - do - | - do - | - do - | - do - |
| SIDE PLATING, No. of Strakes 1 | 38" | - do - | 24 | 24 | | - do - | - do - | - do - | - do - | - do - | - do - | - do - |
| UPPER DECK, Sheer-strake in Wells..... | 31" | 36 | - do - | - do - | | | | | | | | |
| UPPER DECK, Sheer-strake in Bridge ... | | | | | | | | | | | | |
| STRAKE BELOW Sheer-strake Wells | 38" | - do - | - do - | - do - | | - do - | - do - | - do - | - do - | - do - | - do - | - do - |
| STRAKE BELOW Sheer-strake in Bridge ... | | | | | | | | | | | | |
| POOP SIDE PLATING | | | | | | | | | | | | |
| BRIDGE SIDE PLATING ... | | | | | | | | | | | | |
| FORECASTLE SIDE PLATING | | | | | | | | | | | | |

WATERTIGHT BULKHEADS.

| Total No. of W.T. BULKHEADS in Vessel— | | | | | | |
|--|--|--|--|--|--|---|
| Extending to Upper Deck (Sec. 3 c) | | | | | | 4 |
| " Deck next below..... | | | | | | ✓ |
| As per Rule..... | | | | | | 3 |

| | Plating Thickness. | STIFFENERS. | | | |
|---|--------------------|-------------|-------------|-------------|----------|
| | | VERTICAL. | | HORIZONTAL. | |
| | | Scantlings. | Spacing. | Scantlings. | Spacing. |
| MIDSHIP BULKH'D, Upper tween decks | | | | | |
| " " Second " | | | | | |
| " " Third " | | | | | |
| " " Holds | 1/4 | 2 1/2 x 1/4 | 2 1/2 x 1/4 | 21' | ✓ |
| COLLISION " (in Hold) | 1/4 - 3/16 | - do - | - do - | - do - | ✓ |
| AFTER PEAK " " | - do - | - do - | - do - | - do - | ✓ |

FORGINGS and CASTINGS.

| | Casting or Forging. | Scantlings. | Maker's Name. | Any departure from approved plans to be noted. |
|---|---------------------|-------------|------------------|--|
| KEEL, Bar | | | | |
| STEM | F.S. | 5 1/4 x 1" | Kobe Steel Works | |
| STERN FRAME { Propeller Post | - do - | 5' x 2" | - do - | |
| { Rudder | - do - | 4 3/4 x 2" | - do - | |
| RUDDER—A x D..... | | 22 x 5 | | |
| Speed of Vessel | | 7 knots | | |
| RUDDER mainpiece at head ... | F.S. | 2 1/2" | - do - | |
| " " heel ... | - do - | 2" | - do - | |
| " how constructed | | Built | | |
| " double or single plate coupling, vertical or horizontal..... | | Single | | |

| | | |
|---------------|--|--|
| STEEL. | Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) | |
| | Yamata Steel Works Kawasaki Dockyard Co. | |
| | Has the Steel been tested as required by the Rules? Yes. | |

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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:

Plans as finished not yet received but will be forwarded at first opportunity.

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

| | | | |
|-----------|----------------------------|--------|---------|
| 1st Bower | 2 cent. 1 gr. 14 lb. . 1/1 | ho 910 | 19.4.26 |
| 2nd " | - do - | ho 909 | - do - |
| 3rd " | | | |

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ft., R.Q.D. ft., Bridge ft., Forecastle 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) 1 Deck. Steel.

Official No. 31732; Signal Letters T. D. R. K. Is bottom of Vessel coated with cement ho if not g
particulars of composition Paint.

PARTICULARS OF WATER BALLAST.—

| Where Fitted. | *Length. Feet. | Water Capacity. Tons. | Where Fitted. | *Length. Feet. | Water Capacity. Tons. |
|---|-------------------|--------------------------|--|-------------------|--------------------------|
| Double bottom, aft, | | | Fore peak tank, | | |
| Double bottom, under Engines and Boilers, | | | After peak tank, | | |
| Double bottom, if under Engines only, | | | Deep tank, aft, | | |
| Double bottom, if under Boilers only, | | | Deep tank, forward, | | |
| Double bottom, forward, | | | Other tanks, if fitted, Oil fuel tanks | 1 space | 5 |
| Total capacity of double bottom | | | (If necessary, furnish further information by sketch.) | | |

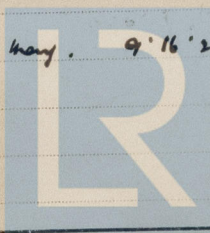
* The wells are not to be included in the lengths of the tanks.

Order for Special Survey No. 16

Date 4th January 1916

Dates of Surveys held while building

4th Feb. 17 March. 14 20 Apr. 4.7.17.21 May. 9.16.22.24.29 June. 5.6.9 July.



Lloyd's Register Foundation
Total No. of Visits 16