

## STEEL STEAMER OR MOTORSHIP.

Received at London office 19 MAY 1952

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

Date of completion of report

Port of KobeNo. 682Survey held at KobeJAPANDate First Survey 4 SEPT 1950Last Visit 16 Nov 19511951

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw)

S.S. "NIPPON MARU"

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings)

FULL SCANTLINGState Type of Erections P. B & Funder Deck... 5606.4or spaces  
Tonnage Dk.  
Dk.age 6209.88tonnage 3614.1

STERED DIMENSIONS.

FEET

435.2956.7632.15CLASS \* 100 A1State if with freeboard  
as condition of Class

No

Built at KobeLength from fore part of stem to after part of stern  
post on summer L.W.L. See Sec. 3 (1a)FEET 419.44L 42.92

Breadth (greatest moulded)

B 56.76Depth, at middle of length from top of keel to top  
of beam at side of uppermost continuous  
deck. See Sec. 3 (1c)D 32.15

1st Longitudinal Number (L x D)

2nd Numeral L x (B + D)

Framing Depth "d," at middle of length. See  
Sec. 3 (1d)Proportions — Depth to Length — Uppermost con-  
tinuous deck to top of keel13.09

Do.

Long Bridge to  
top of keel10.47Draught Moulded T.G. ASSIGNEDS25.663Launched 17 SEPT 1951 Yard No. 913Builders KAWASAKI DOCKYARD KobeOwners NIPPON KAIUN K.K. Kobe

Managers

AS ABOVE

(Where necessary to be entered in Reg. Book)

Residence SAKAEMACHI Dohri ACHONE  
IKUTA KU KobePort of Registry Kobe

If surveyed while building, afloat, or in dry

dock WHILE BUILDING UNDocked 11/51

## FRAMES, DOUBLE BOTTOM AND BEAMS.

|   | INCHES IN SHIP.<br>1/4   | Any Departure from<br>Approved Plans to<br>be Noted. |   | INCHES IN SHIP.<br>1/4 | Any Departure from<br>Approved Plans to<br>be Noted. |
|---|--------------------------|--|---|------------------------|--|
| ES, Spacing amidships   | 850                      | ✓  | Bracket Floors, Frame   | 200 90 10              |  |
| „ from 3/8 length amidships<br>to Collision bulkhead  | 685                      | ✓  | „ „ Reversed Frame  | 150 90 9/16 1/2        | ✓  |
| „ in peaks  | 610                      | ✓  | „ „ Vertical Struts   | 200 90 10              | ✓  |
| FRAMING.  |                          |  | Centre Girder, depth and thickness amidships  | 1150 x 13              | ✓ 50°F   |
| ame Amidships, Angle, [ or [  | 250 90 1/4               | ✓  | „ „ top Angles  | All WELD               | nould  |
| „ Extends up to UPPER DECK PLATING  |                          | ✓  | „ „ bottom Angles   |                        |  |
| sd Frame Amidships, Angle   |                          |  | Side Girders, No. each side and thickness   | 1 9.5                  |  |
| „ Extends up to   |                          |  | Margin Plate depth (excl. of flange) and<br>thickness   | 1083 13.5              |  |
| cf Framing Girder   |                          |  | „ „ Vertical Angle to Tank side<br>Bracket abaft 1/4 len. from<br>stem  | All WELD               |  |
| es in Uppermost Continuous 'tween<br>Decks, Angle, [ or [   | 150 75 8                 | ✓  | „ „ Vertical Angle to Tank side<br>Bracket from forward 1/4 len.<br>from stem to Panting Area   | Every FR. 12           |  |
| „ Second 'tween Decks, Angle, [ or [  | ALT.                     |  | „ „ Gussets, spacing and scantling<br>abaft 1/4 len. from stem  | 12                     |  |
| „ Third „ „ „   |                          |  | „ „ Gussets, spacing and scantling<br>from forward 1/4 len. from<br>stem to Panting Area  | 12                     |  |
| from 1/4 len. for'd. to 15% len. from<br>Stem in 'tween Decks   | 300 90 10 15.5 15.5 15.5 | ✓  | Tank Side Brackets, height above base line<br>at toe of Frame and thickness   | 1883 12                |  |
| in peaks, Angle or [  | 150 75 8 180 x 75 x 95   | ✓  | INNER BOTTOM PLATING.   |                        |  |
| ter and Spacing of Rivets through<br>Frame and Shell Plating amid-<br>ships                                 | 22 95                    | ✓  | Breadth and thickness of Middle Line<br>Strake  | 1300 13                |  |
| if Frame Joggled  | Yes                      | ✓  | Thickness of remainder in Holds   | 11                     |  |
| he scantlings and arrangements in the<br>ating Area in accordance with the Rules<br>1/ or as approved?      | Yes                      | ✓  | Are Rule requirements complied with<br>regarding increases of scantlings in way of<br>double bottom in E. & B. space and fram-<br>ing in Bunkers and Boiler Room? | Yes                    |  |
| he scantlings and arrangements in way<br>the Bottom Forward in accordance with<br>Rules and/or as approved? | Yes                      | ✓  | BEAMS.  |                        |  |
| E BOTTOM.   |                          |  | Uppermost Continuous Deck, amidships in<br>Wells, Angle, [ or [   | 180 90 13.5            |  |
| ors, Depth and thickness at mid-line<br>in Holds  |                          |  | „ „ in way of Bridge,<br>Angle, [ or [  | 180 90 13.5            |  |
| Height of Brackets at side above<br>base line at toe of frame   |                          |  | Spacing   | 850                    |  |
| Line Keelson, on Floors, Angles,<br>[ or [  |                          |  | Second Deck, amidships, Angle, [ or [   | 220 90 9/13            |  |
| „ „ Through Plate or Inter-<br>costal Plate   |                          |  | Spacing   | 850                    |  |
| „ „ Foundation Plate on<br>Floors   |                          |  | Third Deck, amidships, Angle, [ or [  |                        |  |
| „ „ Flat Plate Keel Angles  |                          |  | Spacing   |                        |  |
| Side Keelsons, No. each side  |                          |  | Fourth Deck, amidships, Angle, [ or [   |                        |  |
| „ „ thickness of Intercostal Plate  |                          |  | Spacing   |                        |  |
| „ „ Angles  |                          |  | Poop Deck, Angle, [ or [  | 125 75 10              |  |
| DOUBLE BOTTOM.  |                          |  | Spacing   | 610                    |  |
| Solid Floors, thickness and spacing   | 11 3° FR. ALT.           | ✓  | Bridge Deck, Angle, [ or [  | 180 90 13.5            |  |
| „ „ Are Frame and Reversed<br>Frame joggled?  | Yes                      | ✓  | Spacing   | 850                    |  |
| Bracket Floors, breadth and thickness at<br>middle line   | 970 11                   | ✓  | Forecastle Deck, Angle, [ or [  | 150 90 9               |  |
| „ „ breadth and thickness at<br>margin plate  | 870 11                   | ✓  | Spacing   | 610                    |  |

010300-010308-0135



## PILLARS AND DECKS.

| PILLARS, No. of Rows  | INCHES IN SHIP. |          | Any Departure from Approved Plans to be Noted. | INCHES IN SHIP. | Any Departure from Approved Plans to be Noted. |
|---|-----------------|----------|--|-----------------|--|
|   | WIDE SPACED     | ONE      |  |                 |  |
| Stringer Plate, breadth and thickness in way of Bridge      | 230             | 11       |  | 1650            | 7.5  |
| " in 'tween Decks, Size and Spacing                         | 380             | 14       |  |                 | 9.5  |
| " " " " " "   |                 |          |  |                 | 7.5  |
| " " " " " "   | 350             | 14       |  |                 | 7.5  |
| " " " " " "   | 500             | 17       |  |                 |  |
| Centre Line Bulkhead. Stiffeners and Spacing                |                 |          |  |                 |  |
| Plating, thickness of                                       |                 |          |  |                 |  |
| Stringers AND DECKS.  |                 |          |  |                 |  |
| Uppermost Continuous Deck.                                  |                 |          |  |                 |  |
| Stringer Plate, breadth and thickness in Wells              | 1650            | 22 - 16  |  |                 |  |
| " " " " in way of Bridge                                    | 1650            | 32 - 9.5 |  |                 |  |
| " Angle in Wells  | 186             | 195 25   |  |                 |  |
| Thickness of Plating abreast Deck openings in way of Wells  |                 | 22       |  |                 |  |
| Thickness of Plating abreast Deck openings in way of Bridge |                 | 9.5      |  |                 |  |
| Thickness of Plating within line of openings                |                 | 9.5      |  |                 |  |
| If Sheathed, material and thickness                         |                 | No       |  |                 |  |
| Second Deck.  |                 |          |  |                 |  |
| Stringer Plate, breadth and thickness in Wells              | 1650            | 10       |  |                 |  |

## SHELL PLATING.

| STRAKES.                            | AS IN VESSEL.               |               |               |  | ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED. | EDGES. | RIVETING. |                        |         |             |
|-------------------------------------|-----------------------------|---------------|---------------|--|--|--------|-----------|------------------------|---------|-------------|
|                                     | AMIDSHIPS.                  | FORWARD.      | AFT.          |  |  |        | NO.       | NO. OF ROWS OF RIVETS. | RIVETS. | STRAP LAPP. |
| Keel                                | Breadth. Thickness. 1300 24 | Thickness. 24 | Thickness. 24 |  |  | DR.    | 22 9.5    |                        | WELDED. |             |
| Bottom Plating, No. of Strakes      | 2200 16                     | 18            | 17            |  |  | DR.    | 22 9.5    |                        |         |             |
| Bilge Plating, No. of Strakes       | 2200 17                     | 12            | 17            |  |  | "      | "         |                        |         |             |
| Side Plating, No. of Strakes        | 2200 16                     | 12            | 12            |  |  | "      | "         |                        |         |             |
| Upper Deck, Sheer-strake in Wells   | 1700 32                     | 13            | 13            |  |  | DR.    | 22 9.5    |                        |         |             |
| Upper Deck, Sheer-strake in Bridge  | 1700 16                     |               |               |  |  | DR.    | "         |                        |         |             |
| Strake below Sheer-strake in Wells  | 17                          | 13            | 12            |  |  | "      | "         |                        |         |             |
| Strake below Sheer-strake in Bridge | 16                          |               |               |  |  | "      | "         |                        |         |             |
| Poop side Plating                   |                             |               | 9.5           |  |  | SR     | 19 77     |                        |         |             |
| Bridge Side Plating                 | 20.5/16                     |               |               |  |  | DR     | 22 9.5    |                        |         |             |
| Forecastle Side Plating             |                             | 10.5          |               |  |  | SR     | 19 76     |                        |         |             |

## WATERTIGHT BULKHEADS.

|  |   |
|--|---|
| Total No. of W.T. BULKHEADS in Vessel—   |   |
| Extending to Upper Deck (Sec. 3c)  | 7   |
| Deck next below  |   |
| As per Rule  | 7   |
| STIFFENERS.  |   |
| Plating Thickness.   | VERTICAL. HORIZONTAL.                     |
|  | Scantlings. Spacing. Scantlings. Spacing. |
| MIDSHIP BULKHEAD, Upper 'tween decks   | 7.5/9 125 x 7.5 x 7 1 760                 |
| " " Second "   |   |
| " " Third "  |   |
| " " Holds  | 11/9.5 230 x 90 x 1/2 1 760               |
| COLLISION " (in Hold)  | 13/9 125 x 7.5 x 10 1 670                 |
| AFTER PEAK "   | 13/8 125 x 7.5 x 7 1 670                  |
| STEEL.   |   |
| Manufacturer's Name or Trad: Mar: of the Steel used in the construction of the Vessel (state process of manufacture) | OPEN HE                                   |
| YAWATA KAWASAKI HIROHATA   |   |
| Has the Steel been tested as required by the Rules?  | YES                                       |

## EQUIPMENT No. 39047

## LETTER a

## ANCHORS.

| Anchor.           | Weight. Ex. Stock.     | Weight of Stock.        | Test, per Certificate.         | WEIGHT REQUIRED BY TABLE 53. | Description of Anchor. | Makers.     | Where and when tested, and Superintendent. |
|-------------------|------------------------|-------------------------|--------------------------------|------------------------------|------------------------|-------------|--|
| 1st Bower         | Cwts. qrs. lbs. 68 0 9 | Cwts. qrs. lbs. 52 18 0 | Tons. cwt. qrs. lbs. 52 18 0 0 | 48.75                        | LATEST HALLS TYPE      | TOKYO STEEL | 10-7-51 K. NAKANO                          |
| 2nd "             | 68 0 9                 | 52 18 0                 | 52 18 0 0                      |                              | CS. HEAD & SHANK.      | CASTE Co.   | "  |
| 3rd "             | 61 0 0                 | 49 3 0                  | 49 3 0 0                       |                              | "                      | YOKOHATA    | "  |
| Collective weight | 197 0 18               |                         |                                | 139 19 4                     | STEEL ANCHOR           | "           | "  |

## CHAIN CABLES.

## HAWERS AND WARPS.

| Length and size supplied. | Test per Certificate. | WEIGHT OF CHAIN CABLE  |           | Length and size supplied. | Description. | Makers of Cable. | Where and when tested, and Superintendent. | Material.      | Length and size supplied. |      | Breaking Test of Steel Wire. | Length and size supplied. |
|---------------------------|-----------------------|------------------------|-----------|---------------------------|--------------|------------------|--|----------------|---------------------------|------|------------------------------|---------------------------|
|                           |                       | Supplied.              | Per Rule. |                           |              |                  |  |                | Length.                   | Clr. |                              | Length.                   |
| 271.4                     | 2                     | 100.8 141.1 592.2 2.22 | 538.75    | 270                       | 2            | OSAKA CABLE      | HAKEES H/IKEN 13.7.51                      | HAKEES & WARPS | 220                       | 119  | 33.2                         | 220                       |
| 175 162 1/2               |                       | 81.0                   |           | 165                       | 127          | OSAKA CABLE      | HAKEES H/IKEN 13.7.51                      | HAKEES & WARPS | 165                       | 204  |                              | 165                       |
|                           |                       |                        |           |                           |              | OSAKA CABLE      | HAKEES H/IKEN 13.7.51                      | HAKEES & WARPS | 165                       | 204  |                              | 165                       |
|                           |                       |                        |           |                           |              | OSAKA CABLE      | HAKEES H/IKEN 13.7.51                      | HAKEES & WARPS | 165                       | 188  |                              | 165                       |
|                           |                       |                        |           |                           |              | OSAKA CABLE      | HAKEES H/IKEN 13.7.51                      | HAKEES & WARPS | 165                       | 188  |                              | 165                       |

ing Gear, Type (Power or hand ELECTRIC/HYDRAULIC (HELESHAW TYPE) Alternative Means of Steering HAND

ing Chains (Size and Test) Windlass STEAM Boats WOOD

in Holds, thickness and material 65% PINE ON 50% SLEEPERS Cargo Battens, thickness, material and spacing 50% PINE 220 1/4

Hatchways. - (Upper Deck) STEEL PLATES & ANGLES Thickness of Hatches 60 1/4

of Hatchways No. 1 (Fwd) 8250 x 6700 No. 2 11900 x 6700 No. 3 8500 x 6700 No. 4 7650 x 6700 No. 5 11050 x 6700 No. 6 9350 x 6700

er of Shifting Beams 5 7 5 4 7 5

for Fire and Afters

Builder's Signature Takeo Morimoto

Standing Director,

Kawasaki Dockyard, Kobe, Japan.

RAL 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 F.P. above 150°F

(b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo. YES - IN P.S.H. Deck. 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 SECRETARIES LETTERS AND THE

LIET'S RULES. THE SCANTLINGS & ARRANGEMENTS OF THIS SHIP ARE AS GIVEN IN THE REPORT

AND AS SHOWN ON THE APPROVED DIMENSIONS & AS FITTED PLANS NOW FORWARDED. ALL

DISCREPANCIES 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

BY STANDARDS EQUIVALENT TO THE RULE REQUIREMENTS. THE PLANS OF MIDSHIP SECTION

OF PROFILE & DECKS SHOWING THE SHIP AS BUILT NOW FORWARDED HAVE BEEN CHECKED

IN THE APPROVED ARRANGEMENTS AND FOUND TO BE IN ORDER. THE MATERIALS &

CONSTRUCTION ARE GOOD. THE PEAK TANKS, ALL D.B. TANKS, COFFERDAMS & DEEP TANKS

HAVE BEEN TESTED AS REQUIRED BY THE RULES & FOUND SATISFACTORY. THE W/T

DECKS HAVE BEEN HOISTED & FOUND SATISFACTORY. THE DEEP TANKS IN NO. 4

ARE CONSTRUCTED FOR THE CARRIAGE OF OF F.P. ABOVE 150°F & FOR THE CARRIAGE

VEGETABLE OIL IN BULK.

Fees applied for,

Amount of Entry Fee 1775.975 ¥ : : 19

Special Survey Fee 15,000 ¥ : : Received by me,

Travelling Expenses, if any 35,000 ¥ : : 19

whether the Vessel has been built under Special Survey YES

date to be sent to KOBE OFFICE. Date of issue 25/7/52

Signature T. Morimoto

Surveyors to Lloyd's Register of Shipping.

FRI 20 JUN 1952

+100A1 Carrying vegetable oil in deep tank aft

Fitted for oil 12.51 F.P. above 150°F

11.51 Kib.

Lloyd's A.C.P.

+LMC 12.51

F.D. C.L.

2 WTB 45515 (Sp. 44015)

Wills Rob. (Ch.)

Wills Rob.

10-4-53

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 the Plans should be embodied).

THE FREEBOARDS HAVE BEEN ASSIGNED BY J.C. THE STEERING GEAR & WINDMILL HAVE BEEN TESTED WITH SATISFACTORY RESULTS. O.F. F.P. ABOVE 150° CAN BE CARRIED IN NOS 1, 2, 3, 4, & 5 DB. TANKS, & WING TANKS ALSO NO 4 DEEP TANKS.

NOTE: VERIFICATION OF FREEBOARD FORM HEREWITH.

THE FOLLOWING PLANS ACCOMPANY THIS REPORT:—

AS APPROVED:— MIDSHIP SECTION PROFILE/DECK  
AS BUILT:— STERN FRAME, STEER, SHELL EXPANSION, STERN, RUDDER, FRAMING, D.B. SHAFT TUNNEL  
D/T & W/T BULKHEADS MAIN ENGINE SEAT

AS FITTED:— GENERAL ARR'G MIDSHIP SECTION, PROFILE/DECKS  
CAPACITY PLAN

DAMAGE SUSTAINED CONSEQUENT ON TYPHOON RUTH WHILST FITTING OUT ON 14 OCT. 1951. THE FOLLOWING REPAIRS EFFECTED.

SHELL:— REPAIR E STRAKE 6 & 7  
F.I.P. E 5 7 & 8  
FRAMES:— F.I.P. NOS 45 TO 50, & 54 TO 56  
ALL PORT. SIDE  
TANKS IN WAY TESTED ON COMPLETION,  
SHELL HOSE TESTED.

PARTICULARS OF ELECTRIC WELDING (if employed) SHELL BUTTS, DECKS, BEAMS, GIRDERS ETC. D.B. & T. PLATING, BULKHEADS, E. CASING & DECK HOUSES ARE ELECTRICALLY WELDED USING ELECTRODES APPROVED BY THE SOCIETY FOR EACH PURPOSE & METHODS APPROVED BY R. TO THE SATISFACTION OF THE UNDERSIGNED.

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

CRUISER STERN LLOYD'S A.S. CP. D.F. G.Y.C.  
E.S. W/T PART ELECTRIC WELDED. CARRYING  
OF FLASH ABOVE 150° F OR VEGETABLE OIL IN  
DEEP TANKS (NO 4 HOLD)

RADAR Equipment (State if fitted) YES  
State Type or Pattern No. SPERRY MARIN  
State Name and/or of Supplier SPERRY CO. TOKYO KEIKI CO.

| Particulars of Drop Test of Cast Steel Anchors, viz.:—<br>Weight, Surveyor's Initials, Number of Certificate, Date of Test. | 1st Bower | 2nd " | 3rd " | STERN | W.T. | KN   | 22.6 |
|---|-----------|-------|-------|-------|------|------|------|
|   | 44        | 43    | 38    | 19    | 0    | 3    | 3    |
|   |           |       |       |       | 25   | 1    | 22   |
|   |           |       |       |       | 23   | 22   | 22   |
|   |           |       |       |       | 1944 | 1945 | 1946 |
|   |           |       |       |       | KN   | KN   | KN   |
|   |           |       |       |       | 22.6 | 22.6 | 22.6 |

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 27.7 ft., R.Q.D. ft., Bridge 164.5 ft., Forecastle 41. (in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated No

Official No. 68201 Signal Letters J.P.I.P. Extreme Breadth over Belting 57.08' Over all Length 45 (Circ. 1611) (Circ. 1703)

No. and Material of Decks TWO / STEEL

Parts of Bottom of Vessel coated with cement or approved composition WATER TANKS CEMENT COATED

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, 92                        | 28.05  | 375.42         | Fore peak tank,                     | 7.162  | 74.1           |
| Double bottom, under Engines and Boilers, 59  | 17.85  | 243.32         | After peak tank,                    | 6.100  | 69.1           |
| Double bottom, if under Engines only,         |        | 6.42           | Deep tank, aft,                     | 10.200 | 47.1           |
| Double bottom, if under Boilers only,         |        |                | Deep tank, forward,                 | 12.750 | 138.10         |
| Double bottom, forward, 171                   | 51.975 | 636.98         | Other tanks, if fitted, CANT. TANK, | 6.250  | 71.05          |
| Total length (if continuous) and Capacity 322 | 97.875 |                | F.O.T. IN BR,                       | 2.550  | 43.43          |
|   |        |                | B.S.T.,                             | 1.700  | 29.29          |

Order for Special Survey No.

Date

Dates of Surveys held while building

R.I. 4/6/SEPT. 8/17/30/NOV. 28/DEC. 31 JAN. 20 APRIL; 20 JUNE; 7 SEPT. 1950  
K.U. 20/25/26/27/28/29/31/JULY. 1/2/3/4/6/7/10/11/15/17/20/21/23/24/25/27/AUG. 1951  
4/14/SEPT. 16/31/OCT. 2/8/16/NOV.

Total No. of Visits 4