

## STEEL STEAMER or MOTORSHIP.

30 OCT 1936

Received at London Office

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 11/10/1936

Port of KOBE

No. 9745

Survey held at TAMA.

Date First Survey 20/12/1935

Last Survey

27/8/1936

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) Steel Single Screw motor ship "TOKYO MARU."

State Type (Full Scantling, Complete Superstructure with or without Tonnage Opening) Complete Superstructure without Tonnage Opening. State Type of Erections Forecastle.

TONNAGE under Tonnage Deck... 5830.91

CLASS +100A1.

State if with freeboard as condition of Class YES.

Built at Mitani Bussan Kaisha, Tama.

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 128.00

Launched 22/6/1936 Yard No. 217.

Total 5830.91

Breadth (greatest moulded) B 17.50

Builders Mitani Bussan Kaisha.

Gross Tonnage 6486.01

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 11.00

Owners Settsu Shosen Kab. Kaisha.

Register Tonnage 3863.68

1st Longitudinal Number (L x D) = 1408

Managers Osaka Shosen Kab. Kaisha.

2nd Numeral L x (B + D) = 3648

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

## REGISTERED DIMENSIONS.

Length 124.75 129.47

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

11.64

Residence

Breadth 57.42 17.50

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

Port of Registry OSAKA.

Depth 36.85 11.00

Do. Long Bridge to top of keel Draught Moulded 7.697

If surveyed while building, afloat, or in dry dock

while building.

## 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. |
|---------------------------------------------------------------------------------|--------------------------------|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|------------------------------------------------|
| <b>FRAMES, Spacing amidships</b>                                                | m/m. 760                       |                                                | <b>Bracket Floors, Frame</b>                                                                                                                                      | 8 x 3 1/2 x 45                           | [                                              |
| " " from 1/2 length to Collision bulkhead                                       | 680                            |                                                | " " Reversed Frame                                                                                                                                                | 200 x 75 x 10                            | [                                              |
| " " in peaks                                                                    | 610                            |                                                | " " Vertical Struts                                                                                                                                               | 300 x 90 x 90                            | 19 5/8 ]                                       |
| <b>SIDE FRAMING.</b>                                                            |                                |                                                | <b>Centre Girder, depth and thickness amidships</b>                                                                                                               | 1100 x 14.5                              |                                                |
| <b>Frame Amidships, Angle</b> E or [                                            | 9 x 3 1/2 x 475                |                                                | " " top Angles                                                                                                                                                    | 100 x 100 x 13                           | 7 1/2                                          |
| " " Extends up to                                                               | 2nd 3rd 4th                    | See plan                                       | " " bottom Angles                                                                                                                                                 | 130 x 130 x 15                           | 1 1/2                                          |
| <b>Reversed Frame Amidships, Angle</b>                                          |                                |                                                | <b>Side Girders, No. each side and thickness</b>                                                                                                                  | ONE 10.5                                 | in E.R. 4 3/5 For alteration as appd           |
| " " Extends up to                                                               |                                |                                                | <b>Margin Plate depth (excl. of flange) and thickness</b>                                                                                                         | 890 x 14                                 |                                                |
| <b>Depth of Framing Girder</b>                                                  |                                |                                                | " " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem                                                                                                  | 130 x 130 x 12                           |                                                |
| <b>Frames in Uppermost Continuous 'tween Decks, Angle</b> E or [                | 8 x 3 1/2 x 45 150 x 75 x 8    |                                                | " " Vertical Angle to Tank side Bracket forward 1/2 len. from stem                                                                                                | 130 x 130 x 12                           |                                                |
| " " Second 'tween Decks, Angle                                                  | 9 x 3 1/2 x 475 8 x 3 1/2 x 45 |                                                | " " Gussets, spacing and scantling abaft 1/2 len. from stem                                                                                                       | Continuous                               |                                                |
| " " Third " " "                                                                 |                                |                                                | " " Gussets, spacing and scantling forward 1/2 len. from stem                                                                                                     | ditto                                    |                                                |
| <b>Framing in Peaks, Angle</b> E or [                                           | 200 x 75 x 10                  | 160 for Bottom pl. 145 " Side "                | <b>Tank Side Brackets, height above base line at toe of Frame and thickness</b>                                                                                   | 2000 x 11.5                              |                                                |
| <b>Diameter and Spacing of Rivets through Frame and Shell Plating amidships</b> | 22 m/m.                        |                                                | <b>INNER BOTTOM PLATING.</b>                                                                                                                                      |                                          |                                                |
| <b>State if Frame Joggled</b>                                                   | YES                            |                                                | <b>Breadth and thickness of Middle Line Strake</b>                                                                                                                | 1650 x 13.                               |                                                |
| <b>PANTING ARRANGEMENTS (Sec. 7), state system and particulars</b>              |                                |                                                | <b>Thickness of remainder in Holds</b>                                                                                                                            | 11.                                      | See plan                                       |
| <b>STRENGTHENING OF BOTTOM FORWARD. State Particulars</b>                       |                                |                                                | <b>Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. &amp; B. space and framing in Bunkers and Boiler Room?</b> |                                          |                                                |
| <b>SINGLE BOTTOM. Wing Tanks.</b>                                               |                                |                                                | <b>BEAMS.</b>                                                                                                                                                     |                                          |                                                |
| <b>Floors, Depth and thickness at mid-line in Holds</b>                         | 1100 x 10.5                    |                                                | <b>Uppermost Continuous Deck, amidships in Wells, Angle</b> E or [                                                                                                | 8.3 1/2 x 45                             |                                                |
| Height of Brackets at side above base line at toe of frame                      | none                           |                                                | " " in way of Bridge, Angle                                                                                                                                       | 9.3 1/2 x 475                            |                                                |
| <b>Middle Line Keelson, on Floors, Angles</b> E or [                            | 90 x 90 x 13 7 1/2             |                                                | Spacing                                                                                                                                                           | every fr.                                |                                                |
| " " Through Plate or Intercostal Plate                                          | 11.5                           |                                                | <b>Second Deck, amidships, Angle</b> E or [                                                                                                                       | 200 x 75 x 10 8.3 1/2 x 45 9.3 1/2 x 475 |                                                |
| " " Foundation Plate on Floors                                                  | 11                             |                                                | Spacing                                                                                                                                                           | every fr.                                |                                                |
| " " Flat Plate Keel Angles                                                      | 130 x 130 x 15 1 1/2           |                                                | <b>Third Deck, amidships, Angle</b> E or [                                                                                                                        | 9.3 1/2 x 475                            |                                                |
| <b>Side Keelsons, No. each side</b>                                             | none.                          |                                                | Spacing                                                                                                                                                           | every fr.                                |                                                |
| " " thickness of Intercostal Plate                                              |                                |                                                | <b>Fourth Deck, amidships, Angle</b> [ or [                                                                                                                       |                                          |                                                |
| " " Angles                                                                      |                                |                                                | Spacing                                                                                                                                                           |                                          |                                                |
| <b>DOUBLE BOTTOM.</b>                                                           |                                |                                                | <b>Poop Deck, Angle</b> [ or [                                                                                                                                    |                                          |                                                |
| <b>Solid Floors, thickness and spacing</b>                                      | 10.5 every 3rd fr.             |                                                | Spacing                                                                                                                                                           |                                          |                                                |
| " " Are Frame and Reversed Frame joggled?                                       | YES                            |                                                | <b>Bridge Deck, Angle</b> E or [                                                                                                                                  | 150 x 75 x 8 760                         |                                                |
| <b>Bracket Floors, breadth and thickness at middle line</b>                     | 1350 x 10.5                    |                                                | Spacing                                                                                                                                                           |                                          |                                                |
| " " breadth and thickness at margin plate                                       | 850 x 10.5                     |                                                | <b>Forecastle Deck, Angle</b> E or [                                                                                                                              | 8.3 1/2 x 45 and 180 x 75 x 12           | See appd plan                                  |
|                                                                                 |                                |                                                | Spacing                                                                                                                                                           | every fr.                                |                                                |



# 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. |
|-------------------------------------------------------------------|-----------------|------------------------------------------------|-------------------------------------------------------------------|------------------|------------------------------------------------|
| <b>PILLARS, No. of Rows.....</b>                                  | Two             | ✓                                              | 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 .....  | 9.5              |                                                |
| "    "    "    "    "    "                                        |                 |                                                | Thickness of Plating abreast Deck openings in way of Bridge ..... |                  |                                                |
| "    in Holds    "    "                                           |                 |                                                | Thickness of Plating within line of openings...                   | See plan         |                                                |
| "    "    "    "    "    "                                        |                 |                                                | If Sheathed, material and thickness .....                         |                  |                                                |
| <b>Centre Line Bulkhead.</b>                                      |                 |                                                | <b>Third Deck.</b>                                                |                  |                                                |
| Stiffeners and Spacing.....                                       | None            | ✓                                              | Stringer Plate, breadth and thickness.....                        | 1750x 8.5        | ✓                                              |
| Plating, thickness of .....                                       |                 |                                                | If Plated, state thickness.....                                   | 7.5              |                                                |
| <b>STRINGERS AND DECKS.</b>                                       |                 |                                                | <b>Fourth Deck.</b>                                               |                  |                                                |
| <b>Uppermost Continuous Deck.</b>                                 |                 |                                                | Stringer Plate, breadth and thickness.....                        |                  |                                                |
| Stringer Plate, breadth and thickness in Wells                    | 1750 x 17       | ✓                                              | If Plated, state thickness .....                                  |                  |                                                |
| "    "    "    "    in way of Bridge                              |                 |                                                | <b>Poop Deck.</b>                                                 |                  |                                                |
| "    Angle in Wells .....                                         | 150x150x19      | ✓                                              | Stringer Plate, breadth and thickness .....                       |                  |                                                |
| Thickness of Plating abreast Deck openings in way of Wells .....  | 13.5            | ✓                                              | Plating, Sheathing, material and thickness ...                    |                  |                                                |
| Thickness of Plating abreast Deck openings in way of Bridge ..... |                 |                                                | <b>Saloon Bridge Deck.</b>                                        |                  |                                                |
| Thickness of Plating within line of openings...                   |                 |                                                | Stringer Plate, breadth and thickness.....                        | 1900 x 8         |                                                |
| If Sheathed, material and thickness .....                         | None.           |                                                | Plating, Sheathing, material and thickness Tie 1300x8             |                  | 60.0.P. enclosed 75 " exposed                  |
| <b>Second Deck.</b>                                               |                 |                                                | <b>Forecastle Deck.</b>                                           |                  |                                                |
| Stringer Plate, breadth and thickness in Wells...                 | 1800x10.5       | ✓                                              | Stringer Plate, breadth and thickness.....                        | 890 x 9          |                                                |
|                                                                   |                 |                                                | Plating, Sheathing, material and thickness ...                    | 8.5 no sheathing |                                                |

## SHELL PLATING.

| SCANTLINGS.                             |                |            |            |            |                                                      | RIVETING.         |                      |         |                       |                           |         |                       |                        |
|-----------------------------------------|----------------|------------|------------|------------|------------------------------------------------------|-------------------|----------------------|---------|-----------------------|---------------------------|---------|-----------------------|------------------------|
| STRAKES.                                | AS IN VESSEL.  |            |            |            | ANY DEPARTURE FROM<br>APPROVED PLANS<br>TO BE NOTED. | EDGES.            |                      |         | BUTTS.                |                           |         |                       |                        |
|                                         | AMIDSHIPS.     |            | FORWARD.   | AFT.       |                                                      | State if joggled? | SINGLE OR<br>DOUBLE. | RIVETS. |                       | NO. OF ROWS<br>OF RIVETS. | RIVETS. |                       | STRAPPED OR<br>LAPPED. |
|                                         | Breadth.       | Thickness. | Thickness. | Thickness. |                                                      |                   |                      | Diam.   | Spacing<br>cr. to cr. |                           | Diam.   | Spacing<br>cr. to cr. |                        |
|                                         | Inches.        | Inches.    | Inches.    | Inches.    |                                                      |                   | Inches.              | Inches. |                       | Inches.                   | Inches. |                       |                        |
| FLAT PLATE KEEL .....                   | See plan<br>21 | 19 1/2     | 18.5       | 18.5       | Forward thickness<br>20 1/2                          | double            | 25                   | 100     | 4                     | 25                        | 100     | Strapped              |                        |
| "    DBLG. (if any)                     |                |            |            |            |                                                      |                   |                      |         |                       |                           |         |                       |                        |
| BOTTOM PLATING, No. of Strakes ..... 4  |                | 15.5       | 14         | 12.5       | ✓                                                    | do                | 22                   | 90      | 4                     | 22                        | 90      | "                     |                        |
| BILGE PLATING, No. of Strakes ..... 1   |                | 15.5       | 12.5       | 12.5       | ✓                                                    | do                | 22                   | 90      | 4                     | 22                        | 90      | "                     |                        |
| SIDE PLATING, No. of Strakes ..... 1    |                | 15.5       | 11.5       | 11.5       | ✓                                                    | do                | 22                   | 90      | 3                     | 22                        | 80      | "                     |                        |
| UPPER DECK, Sheer-strake in Wells.....  |                | 19.        | 11.5       | 11.5       | ✓                                                    | do                | 25                   | 100     | 4                     | 25                        | 100     | "                     |                        |
| UPPER DECK, Sheer-strake in Bridge ...  |                |            |            |            |                                                      |                   |                      |         |                       |                           |         |                       |                        |
| STRAKE BELOW Sheer-strake in Wells..... |                | 17.5       | 11.5       | 11.5       | ✓                                                    | do.               | 22                   | 90      | 4                     | 22                        | 90      | "                     |                        |
| STRAKE BELOW Sheer-strake in Bridge ... |                |            |            |            |                                                      |                   |                      |         |                       |                           |         |                       |                        |
| POOP SIDE PLATING .....                 |                |            |            |            |                                                      |                   |                      |         |                       |                           |         |                       |                        |
| BRIDGE SIDE PLATING ...                 |                |            |            |            |                                                      |                   |                      |         |                       |                           |         |                       |                        |
| FORECASTLE SIDE PLATING                 |                |            | 10.5       |            | ✓                                                    | Single            | 3/4                  | 75      | 2                     | 19                        | 65      | "                     |                        |

## WATERTIGHT BULKHEADS.

|                                               |                  |   |
|-----------------------------------------------|------------------|---|
| <b>Total No. of W.T. BULKHEADS in Vessel—</b> | Eight            | ✓ |
| Extending to Upper Deck (Sec. 3 c)            | all to upper DK. | ✓ |
| "    Deck next below                          | None             | ✓ |
| As per Rule                                   | Seven.           | ✓ |

|                                           | Plating Thickness. | STIFFENERS. |          |             |           |
|-------------------------------------------|--------------------|-------------|----------|-------------|-----------|
|                                           |                    | VERTICAL.   |          | HORIZONTAL. |           |
|                                           |                    | Scantlings. | Spacing. | Scantlings. | Spacing.  |
| <b>MIDSHIP BULKH'D, Upper tween decks</b> | 6.5-7              | 150.75      | 8.5      | 762         | ✓         |
| "    "    Second    "                     | 7.5-8              | 180.75      | 9.5      | 762         | ✓         |
| "    "    Third    "                      |                    |             |          |             |           |
| "    "    Holds .....                     | 9-11.5             | 9.5         | 4.75     | 814         | ✓         |
| <b>COLLISION</b> "    (in Hold) .....     | 9-13.5             | 200         | 7.5x10   | 610         | See plan  |
| <b>AFTER PEAK</b> "    "    .....         | 8.5-15             | 150.75      | 8.5      | 610         | See plan. |

## FORGINGS and CASTINGS.

|                                                                   | Casting or Forging.  | Scantlings. | Maker's Name.               | Any departure from approved plans to be noted. |
|-------------------------------------------------------------------|----------------------|-------------|-----------------------------|------------------------------------------------|
| <b>KEEL, Bar .....</b>                                            |                      |             | Mitsui Bussan Kaisha, Tama  |                                                |
| <b>STEM .....</b>                                                 | Cast steel           |             |                             |                                                |
| <b>STERN FRAME</b> { Propeller Post .....                         |                      |             | Kobe steel works, Ltd. Kobe |                                                |
| { Rudder .....                                                    | Cast steel           |             |                             |                                                |
| <b>RUDDER—A x D.....</b>                                          | 1625                 |             |                             |                                                |
| <b>Speed of Vessel.....</b>                                       | under 16 3/4 knots   |             |                             |                                                |
| <b>RUDDER</b> mainpiece at head ...                               | Forged stock. 315    |             | Kobe steel works, Ltd. Kobe |                                                |
| "    "    heel ...                                                | Cast steel           |             |                             |                                                |
| "    how constructed .....                                        | Cert's Rudder. 13    |             |                             |                                                |
| "    double or single plate coupling, vertical or horizontal..... | See plan 8-88 bolts. |             |                             |                                                |

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) **Open Hearth Process.**  
**Nippon Seitetsu Kabushiki Kaisha; Asano shipbuilding Co.; Kawasaki Kockyaru Co., Ltd., Fukui plates sheet mills.**  
 Has the Steel been tested as required by the Rules? **Yes.**

Lloyd's Register Foundation



| EQUIPMENT No. 3770 <sup>M</sup> |                    |                   |      |      |                 |      |      |                       |       | LETTER <i>B+</i> | ANCHORS.                                  |
|---------------------------------|--------------------|-------------------|------|------|-----------------|------|------|-----------------------|-------|------------------|-------------------------------------------|
| Number of Certificate.          | Anchors.           | WEIGHT, EX. STOCK |      |      | WEIGHT OF STOCK |      |      | TEST, PER CERTIFICATE |       |                  | Where and when tested and Superintendent. |
|                                 |                    | Cwts.             | qrs. | lbs. | Cwts.           | qrs. | lbs. | Tons.                 | cwts. | qrs.             | lbs.                                      |
| 1177                            | 1st Bower ...      | 70                | 2    | 5    |                 |      |      | 54                    | 5     | 0                | 0                                         |
| 1176                            | 2nd " ...          | 70                | 1    | 20   |                 |      |      | 54                    | 0     | 0                | 0                                         |
| 1178                            | 3rd " ...          | 70                | 1    | 2    |                 |      |      | 54                    | 0     | 0                | 0                                         |
|                                 | Collective weight. | 210               | 0    | 27   |                 |      |      |                       |       |                  |                                           |
| 1172                            | Stream .....       | 20                | 2    | 9    | 5               | 2    | 5    | 21                    | 5     | 3                | 21                                        |
|                                 |                    |                   |      |      |                 |      |      |                       |       |                  |                                           |

## 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. |      |
|------------------------|---------------------------|-------|-----------------------|------------|------------------------|-----------|--|-------------------------------|-------|--------------|---------------------------------------|--------------------------------------------|-------------------------|---------------------------|------|------------------------------|-------------------------------|------|
|                        |                           |       |                       |            |                        |           |  |                               |       |              |                                       |                                            |                         |                           |      |                              |                               |      |
|                        | Length.                   | Diam. | Stations.             | Break-ing. | Supplied.              | Per Rule. |  | Length.                       | Diam. |              |                                       |                                            |                         | Length.                   | Cir. | Tons.                        | Length.                       | Cir. |
| 2166                   | 315 1/2                   | 2 3/8 | 101 1/2               | 142 1/2    | 952.2.20               | 720 3/4   |  | 300                           | 2 3/8 | Steel Link   | The Osaka Chain & Machine Works, Y.S. | 21/28/11.35 Y.J.O.P.H.                     | TOWLINE... 240 405 79.8 | 240                       | 127  |                              |                               |      |
|                        |                           |       |                       |            |                        |           |  |                               |       |              |                                       |                                            | HAWSERS & WARPS         | 183 65 26.88              | 185  | 65                           |                               |      |
|                        |                           |       |                       |            |                        |           |  |                               |       |              |                                       |                                            |                         | 4 coils Manila.           |      |                              | 4 coils Manila.               |      |
| Order No 1346          |                           |       |                       |            |                        |           |  |                               |       |              |                                       |                                            |                         |                           |      |                              |                               |      |
|                        | 225 40.5                  |       |                       |            | 53.6                   |           |  | 220                           | 127   | 2 wires      | Tokyo Seiko Kaisha, Yokohama          | 8.4.36. T.K.                               |                         |                           |      |                              |                               |      |

Steering Gear, Steam *Electric* (Yutani Kosakusho, Osaka) Steering Gear, Hand *Wheel*.  
 Boats *2. Life Boats* Steering Chains, Size and Test Windlass *Electric* (Yutani Kosakusho, Osaka)  
 Ceiling in Holds, thickness and material *65 1/2" O.P. on 50 1/2" sleepers.* Cargo Battens, thickness, material and spacing *150 1/2" x 50 1/2" O.P. 180 apart.*  
 Cargo Hatchways.—(Upper Deck) *Steel plate & angles 12 1/2" plate Coam.* Thickness of Hatches *75 1/2" O.P.*  
 Size of No. 1 Hatchway (Forward) *6.120 x 5.400 No. 2. 11.400 x 6.100 No. 3. 6.080 x 6.100 No. 4. 5.320 x 6.100 No. 5. 11.400 x 6.100 No. 6. 5.320 x 5.400*  
 Number of Shifting Beams *4* *7* *4* *3* *7* *3*

PER PRO MITSUI BUSSAN KAISHA, LTD.,

Builder's Signature

SUB-MANAGER SHIPBUILDING DEPT.

GENERAL DECLARATION. It should be stated (a) whether the vessel is fitted for the carriage and burning of oil used as fuel (b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point.

This vessel has been built in accordance with approved plans and instructions as well as with the Rules. The materials have been tested as required by the Rules. The workmanship is good. The freeboard assigned by the Japanese Government has been marked and verified. The double bottom tanks, wing tanks, peak tanks, well & cofferdams, bulkheads, tunnel, scuppers, W. T. doors, & tarpaulins have been tested as required by the Rules. The requirements of Section 20 of the Rules have been complied with and oil fuel is to be carried in the double bottom and wing tanks, flash point above 150°F.

In my opinion the vessel is entitled to the notations: "Fitted for oil fuel 8.36 F.P. above 150°F." "Lloyds A.C.P." "Cruiser Stern" "Wireless Telegraph" "Electric light".

The amount of Entry Fee ..... £ 10: 0: 0 Fees applied for, Aug. 31<sup>st</sup> 1936  
 Special Survey Fee.... £ 452: 13: 9 Received by me, Sept. 16<sup>th</sup> 1936  
 Travelling Expenses, if any £ ¥646.10

I am of opinion the Vessel should be Classed *+100A1 with Free board.*

State whether the Vessel has been built under Special Survey *YES.*

Signature

*S. Hoso.*

Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to

*Builders*

Date of issue

*10/11/36*

Committee's Minute

TUE. 3 NOV 1936

Character assigned

*+100A1 With freeboard*

*Lloyds A.C.P.*

*+Line 8.36*

*DB 100 A*

*oil in*



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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 & documents are forwarded with this report:—

- ① Midship Section as built.
- ② Profile & Deck " "
- ③ Steel Advice Notes.
- ④ Copies of forging & Casting Certificates.

Carburetor Valve  
Observation Valve

8.5 no heating

| Particulars of Drop Test of Cast Steel Anchors, viz.:—<br>Weight, Surveyor's Initials, Number of Certificate, Date of Test. |               | weight   | Surveyor | no of Crti. | date      |
|-----------------------------------------------------------------------------------------------------------------------------|---------------|----------|----------|-------------|-----------|
|                                                                                                                             | 1st Bower     | 40.0.13. | C.M.     | 1177        | 28.2.36.  |
|                                                                                                                             | 2nd "         | 40.0.2.  | "        | 1176        | "         |
|                                                                                                                             | 3rd "         | 39.3.18. | "        | 1178        | 3.3.36.   |
|                                                                                                                             | Stock Anchor. | 19.0.12. | "        | 1172        | 18.10.35. |

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop / ft., R.Q.D. / ft., Bridge / ft., Forecastle 39.3 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) 3 decks, steel, 3rd deck omitted in after no. 3 hold.

Official No. 41929 ; Signal Letters J P V K. Is bottom of Vessel coated with cement none if not give particulars of composition

PARTICULARS OF WATER BALLAST.—

| Where Fitted.                                    | *Length.<br>Feet. | Water Capacity.<br>35C.F./TON<br>Tons. | Where Fitted.                                                   | *Length.<br>Feet. | Water Capacity.<br>35C.F./TON<br>Tons. |
|--------------------------------------------------|-------------------|----------------------------------------|-----------------------------------------------------------------|-------------------|----------------------------------------|
| Double bottom, aft, fr. 28 to 69                 | 102.2             | 284.5                                  | Fore peak tank,                                                 | 164 to fore end   | 23 40.2                                |
| Double bottom, under Engines and Boilers,        |                   |                                        | After peak tank,                                                | 10 to aft end     | 11.3 14.3                              |
| Double bottom, if under Engines only, 69 to 93   | 59.9              | 167.8                                  | Deep tank, aft, fr. 20-28.                                      | 19.9              | 83.15                                  |
| Double bottom, if under Boilers only,            |                   |                                        | Deep tank, forward,                                             |                   |                                        |
| Double bottom, forward, 93 to 162                | 165.              | 487.                                   | Other tanks, if fitted,                                         |                   |                                        |
| X excluding small tanks within the double bottom |                   |                                        | (If necessary, furnish further information by sketch.)          |                   |                                        |
| Total capacity of double bottom                  |                   |                                        | * The wells are not to be included in the lengths of the tanks. |                   |                                        |

Order for Special Survey No. 54

Date 18.4.35

Dates of Surveys held while building

Dec/35:-20; Jan/36:-8.15.28.; Feb/36:-7.13.; Mar/36:-10.19.30.; April/36:-7.14.23.28.; May/36:-23.28.; June/36:-1.3.5.9.11.12.16.18.20.22.26.29; July/36:-2.24.29. Aug/36:-10.12.19.20.27.

Total No. of Visits 35