

## STEEL STEAMER or MOTORSHIP.

Received at London Office 23 AUG 1935

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

N° 23867<sup>a</sup>Date of completion of report 16<sup>th</sup> August 1935 Port of Rotterdam No.Survey held at Rotterdam Date First Survey 24<sup>th</sup> of August 1934 Last Survey 15<sup>th</sup> August 1935

On the (State if Machinery fitted Aft and (if Single, Twin or Triple Screw) steel single screw motor tanker "G.S. WALDEN" Machinery fitted aft

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) Full Scantling State Type of Erections Poop Bridge Forecastle

TONNAGE under Tonnage Deck 9703.69 CLASS 100 A 1 State if with freeboard) no. Built at Rotterdam

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 485.0 Launched 15<sup>th</sup> of June 1935 Yard No. 189.

Total Breadth (greatest moulded) MAXIMUM B 74.83 Builders Rotterdamse Droogdok Maatsch.

Gross Tonnage 10627.26 Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 37.0 Owners The Oriental Tankers Ltd.

Register Tonnage 6292.28 1st Longitudinal Number (L x D) = 17945 Managers (Where necessary to be entered in Reg. Book.)

REGISTERED DIMENSIONS. FEET. Framing Depth "d," at middle of length. See Sec. 3 (1d) 13.10 Residence Hongkong.

Port of Registry Hongkong.

If surveyed while building, afloat, or in dry dock 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. |
|---|--|--|--|---------------------|--|
| FRAMES, Spacing amidships   | see report 1*  |  | Bracket Floors, Frame  |                     |  |
| " from 1 <sup>st</sup> 80 to 90 frame   | 605  |  | " " Reversed Frame   |                     |  |
| " bulkhead  | 610  |  | " " Vertical Struts  |                     |  |
| " in peaks  |  |  | Centre Girder, depth and thickness amidships   | 1770 x 15.5         |  |
| FRAMING.  |  |  | " " top Angles   | electrically welded | at end 90 x 90 x 14                            |
| me Amidships, Angle, [ or [   | see report 1*  |  | " " bottom Angles  | 150 150 15          |  |
| " Extends up to   | " "  |  | Side Girders, No. each side and thickness  | thru 15.13-13       | through plates.                                |
| Reversed Frame Amidships, Angle   |  |  | Margin Plate depth (excl. of flange) and thickness   | 65.0 x 14           |  |
| " Extends up to   |  |  | " " Vertical Angle to Tank side  | 6 1/2 x 6 1/2 x 15  | later  |
| th of Framing Girder  |  |  | " " Bracket abaft 1/2 len. from stem   |                     |  |
| es in Uppermost Continuous Deck, Angle, [ or [  | 300 90 13  |  | " " Vertical Angle to Tank side  |                     |  |
| " Second 'tween Decks, Angle, [ or [  |  |  | " " Bracket forward 1/2 len. from stem   |                     |  |
| " Third " " " "   |  |  | " " Gussets, spacing and scantling   |                     |  |
| uing in Peaks, Angle or [   | 230 90 12  |  | " " Gussets, spacing and scantling   |                     |  |
| meter and Spacing of Rivets through Frame and Shell Plating amidships                               | 25% 22mm - 6d  | further as approved.                           | Tank Side Brackets, height above base line at toe of Frame and thickness   | 800 x 12.5          |  |
| if Frame Joggled  | not joggled.   |  | INNER BOTTOM PLATING.  |                     |  |
| NG ARRANGEMENTS (Sec. 7), state system and particulars  | Webframes and stringers as approved.   |  | Breadth and thickness of Middle Line Strake in motorroom   | 30                  |  |
| STRENGTHENING OF BOTTOM FOR- WARD. State Particulars  | Intercostals in conjunction with deep floors and broad flanged frames to floors in deep tank. Backbars fitted to all bottom longitudinals in No. 1 cargo tank and pump room. |  | Thickness of remainder in Holds motorroom  | 14                  |  |
| DOUBLE BOTTOM. Three shakes of bottom plating next to keel increased in thickness forward of 1/2 L. |  |  | 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? |                     |  |
| Depth and thickness at mid-line in Holds  | 1830 x 12.5  |  | BEAMS.   |                     |  |
| Height of Brackets at side above base line at toe of frame  |  |  | Uppermost Continuous Deck, amidships   | 230 90 10.5         | for longitudinal beams see Report 1*           |
| Line Keelson, on Floors, Angles, [ or [   |  |  | " " in way of Bridge, Angle, [ or [  |                     |  |
| " " Through Plate or Intercostal Plate  |  |  | Spacing  | 610.                |  |
| " " Foundation Plate on Floors  |  |  | Second Deck, amidships, Angle, [ or [  | 230 90 10.5         |  |
| " Bulbous Flat Plate Keel Angles  | 100 100 15   |  | Spacing  | 610.                |  |
| Keelsons, No. each side   |  |  | Third Deck, amidships, Angle, [ or [   |                     |  |
| " thickness of Intercostal Plate  |  |  | Spacing  |                     |  |
| " Angles  |  |  | Fourth Deck, amidships, Angle, [ or [  |                     |  |
| "   |  |  | Spacing  |                     |  |
| DOUBLE BOTTOM. in Motorspace.   |  |  | Poop Deck, Angle, [ or [   | see report 1*       |  |
| Mid Floors, thickness and spacing   | 13 x 750   |  | Spacing  |                     |  |
| " Are Frame and Reversed Frame joggled?   | not joggled.   |  | Bridge Deck, Angle, [ or [   | see report 1*       |  |
| Bracket Floors, breadth and thickness at middle line  |  |  | Spacing  |                     |  |
| " breadth and thickness at margin plate   |  |  | Forecastle Deck, Angle, [ or [   | 200 90 12.5         |  |
| "   |  |  | Spacing  | 605 & 610.          |  |



## PILLARS AND DECKS.

| PILLARS, No. of Rows.....                                   | INCHES IN SHIP. |                                |                                  | Any Departure from Approved Plans to be Noted. | INCHES IN SHIP. | Any I Appro |
|---|-----------------|--------------------------------|----------------------------------|--|-----------------|-------------|
|   |                 |                                |                                  |  |                 |             |
| Forecastle in 'tween Decks, Size and Spacing.....           | I               | 140 x 140 x 12 x 8             | 3050 to 2440                     |  |                 |             |
| " Bridge " " row " " "                                      | I               | 140 x 140 x 12 x 8             | 1667 1/2                         | See plans                                      |                 |             |
| " Poop in Hold " " " "                                      |                 | 2 steel longitudinal bulkheads |                                  |  |                 |             |
| " " " " " " "   |                 | steel divisional bulkheads     |                                  |  |                 |             |
| Forehold, " " " " "   | I               | 140 x 140 x 12 x 8             |                                  |  |                 |             |
| Centre Line Bulkhead, in way hump -                         |                 | on Nos 83 & 86 transverse.     |                                  |  |                 |             |
| Stiffeners and Spacing.....                                 |                 | 200 75 11.5 to 250 x 90 x 11   |                                  |  |                 |             |
|   |                 | 250 90 11 to 340 x 100 x 13    |                                  |  |                 |             |
|   |                 | spaced as per plan.            |                                  |  |                 |             |
| Plating, thickness of in way hump -                         |                 | 11.5 11 10.5                   |                                  |  |                 |             |
|   |                 | in way hold -                  | 11.5 11.5 12 13.5 14-14.5        |  |                 |             |
| <b>STRINGERS AND DECKS.</b>                                 |                 |                                |                                  |  |                 |             |
| <b>Uppermost Continuous Deck.</b>                           |                 |                                |                                  |  |                 |             |
| Stringer Plate, breadth and thickness in Wells              |                 | 2000 x                         | 22                               |  |                 |             |
| " " " " in way of Bridge                                    |                 |                                | 25.5                             |  |                 |             |
| " " " " " " " " " " " "                                     |                 |                                |                                  |  |                 |             |
| Angle in Wells  |                 | 150 150                        | 19.                              |  |                 |             |
| Thickness of Plating abreast Deck openings in way of Wells  |                 |                                | 19.                              |  |                 |             |
| Thickness of Plating abreast Deck openings in way of Bridge |                 |                                |                                  |  |                 |             |
| Thickness of Plating within line of openings...             |                 |                                | 14.                              |  |                 |             |
| If Sheathed, material and thickness                         |                 |                                | not sheathed                     |  |                 |             |
| <b>Second Deck.</b>   |                 |                                |                                  |  |                 |             |
| Stringer Plate, breadth and thickness in Wells              |                 | 2550 x                         | 11.5                             |  |                 |             |
| <b>Third Deck.</b>  |                 |                                |                                  |  |                 |             |
| Stringer Plate, breadth and thickness                       |                 |                                |                                  |  |                 |             |
| If Plated, state thickness                                  |                 |                                |                                  |  |                 |             |
| <b>Fourth Deck.</b>   |                 |                                |                                  |  |                 |             |
| Stringer Plate, breadth and thickness                       |                 |                                |                                  |  |                 |             |
| If Plated, state thickness                                  |                 |                                |                                  |  |                 |             |
| <b>Poop Deck.</b>   |                 |                                |                                  |  |                 |             |
| Stringer Plate, breadth and thickness                       |                 | 2000 x                         | 10                               |  |                 |             |
| Plating, Sheathing, material and thickness                  |                 |                                | 7 <sup>m</sup> Oregon pine 2 1/2 |  |                 |             |
| <b>Bridge Deck.</b>   |                 |                                |                                  |  |                 |             |
| Stringer Plate, breadth and thickness                       |                 | 2050 x                         | 11.5                             |  |                 |             |
| Plating, Sheathing, material and thickness                  |                 |                                | 9 <sup>m</sup> not sheathed      |  |                 |             |
| <b>Forecastle Deck.</b>                                     |                 |                                |                                  |  |                 |             |
| Stringer Plate, breadth and thickness                       |                 | 2300 x                         | 9.5                              |  |                 |             |
| Plating, Sheathing, material and thickness                  |                 |                                | 9 <sup>m</sup> not sheathed      |  |                 |             |

## 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 jogged? | SINGLE OR<br>DOUBLE.  | RIVETS.               |   | No. OF ROWS<br>OF RIVETS. | RIVETS.               |                       | STR. |
|   | Breadth.              | Thickness.            | Thickness.            | Thickness.            |  |                  |                       | Diam.                 | Spacing<br>cr. to cr.   |                           | Diam.                 | Spacing<br>cr. to cr. |      |
|   | <i>Inches.<br/>mm</i> | <i>Inches.<br/>mm</i> | <i>Inches.<br/>mm</i> | <i>Inches.<br/>mm</i> |  |                  | <i>Inches.<br/>mm</i> | <i>Inches.<br/>mm</i> |   | <i>Inches.<br/>mm</i>     | <i>Inches.<br/>mm</i> |                       |      |
| FLAT PLATE KEEL .....                           | 1524                  | 16.                   | 20.5                  | 20.5                  | ✓  | double ✓         | 29.                   | 115.                  | 3 to 2 ✓  | 29                        | 95                    | sha                   |      |
| DBLG. (if any) A-2300                           | 23.                   | 13.                   | 13.                   | ✓                     | ✓  | " ✓              | 25.                   | 100.                  | welded inside<br>as per approved<br>plan, external<br>doubling. ✓ | -                         | -                     | lapp                  |      |
| B-2330  | 23.                   | 13.                   | 13.                   | ✓                     | ✓  | " ✓              | 25.                   | 100.                  |   | -                         | -                     | "                     |      |
| BOTTOM PLATING, No. of<br>of Strakes four.....  | C-2060                | 20.                   | 13.                   | 13.                   | ✓  | " ✓              | 25.                   | 100.                  |   | -                         | -                     | "                     |      |
| D-2020  | 20.                   | 14.                   | 14.                   | ✓                     | ✓  | " ✓              | 25.                   | 100.                  |   | -                         | -                     | "                     |      |
| BILGE PLATING, No. of<br>Strakes .... five..... | E-2020                | 17.                   | 13.                   | 13.                   | ✓  | heble ✓          | 22.                   | 90.                   | 4 to 3 ✓  | 22                        | 90.                   | lap                   |      |
| F-2250  | 17.                   | 15                    | 14.                   | ✓                     | ✓  | " ✓              | 22.                   | 90.                   | 4 " 3 ✓   | 22                        | 90.                   | unk-1                 |      |
| SIDE PLATING, No. of<br>Strakes .... three..... | G-2265                | 17.                   | 12.5                  | 12.5                  | ✓  | " ✓              | 22.                   | 90.                   | 4 " 3 ✓   | 22                        | 90.                   | Bot                   |      |
| H-2010  | 17.                   | 12.5                  | 12.5                  | ✓                     | ✓  | double ✓         | 25.                   | 100.                  | 4 " 3 ✓   | 22                        | 90.                   | 14                    |      |
| UPPER DECK, Sheer-<br>strake in Wells.....      | K-2130                | 23.                   | 12.5                  | 12.5                  | ✓  | -                | -                     | -                     | 3   | 29                        | 115.                  | sha<br>capitud        |      |
| UPPER DECK, Sheer-<br>strake in Bridge ...      |                       | 26.                   | -                     | -                     | ✓  | -                | -                     | -                     | -   | -                         | -                     | lapp                  |      |
| STRAKE BELOW Sheer-<br>strake in Wells.....     | J-1680                | 22                    | 14.                   | 12.5                  | ✓  | double ✓         | 29.                   | 115.                  | 5 to 3 ✓  | 25.                       | 115                   | lapp                  |      |
| STRAKE BELOW Sheer-<br>strake in Bridge ...     | J                     | 22                    | -                     | -                     | ✓  | -                | -                     | -                     | -   | -                         | -                     | lapp                  |      |
| POOP SIDE PLATING .....                         |                       |                       |                       | 10.5                  | ✓  | -                | -                     | -                     | 2   | 19                        | 65                    | lapp                  |      |
| at break.                                       |                       |                       |                       | 12.5                  | ✓  | -                | -                     | -                     | -   | -                         | -                     | lapp                  |      |
| BRIDGE SIDE PLATING ...                         |                       | 11.5                  |                       |                       | ✓  | -                | -                     | -                     | 2   | 22                        | 80                    | lapp                  |      |
| at break  |                       | 13.5                  |                       |                       | ✓  | -                | -                     | -                     | -   | -                         | -                     | lapp                  |      |
| FOREC'TLE SIDE PLATING                          |                       |                       | 11.5                  |                       | ✓  | single ✓         | 19                    | 65                    | 1   | 19                        | 65                    | lapp                  |      |

## WATERTIGHT BULKHEADS.

|  |         |
|--|---------|
| Total No. of W.T. BULKHEADS in Vessel— | 16..    |
| Extending to Upper Deck (Sec. 3 c)     | 15.. 12 |
| " Deck next below                      | 1.. 4   |
| As per Rule                            |         |

## FORGINGS and CASTINGS.

|                                    | Casting or Forging. | Scantlings. | Maker's Name.                                      | Any depa approved to be                       |
|------------------------------------|---------------------|-------------|--|---|
| KEEL, Bar                          |                     |             | Flat plate keel                                    |   |
| STEM                               | Shoe                | casting     | as per appr. plan                                  | Ruhrstahl, A.G. Stahlwerk Krieger             |
| STERN FRAME                        | Propeller Post      | "           | as per approved plan.                              | Ruhrstahl, A.G. Stahlwerk Krieger Dusseldorf. |
|                                    | Rudder              | "           |  |   |
| RUDDER—A x D.....                  |                     |             | as per plan  |   |
| Speed of Vessel.....               |                     |             | 12.5 knots.  |   |
| RUDDER mainpiece at head           | partly cast         |             | 340 <sup>m</sup>                                   | Motala Werkstad.                              |
| " BODY heel                        | casting             |             | upper and lower portions remainder plate and angle |   |
| " how constructed                  | sheam line patent.  |             | built up with                                      |   |
| " double or single plate           |                     |             | 15 <sup>m</sup>                                    |   |
| " coupling, vertical or horizontal |                     |             | horizontal coupling                                |   |

| STIFFENERS.                         | Plating Thickness. | VERTICAL.                   |          |                     |          | HORIZONTAL. |          |             |          |
|-------------------------------------|--------------------|-----------------------------|----------|---------------------|----------|-------------|----------|-------------|----------|
|                                     |                    | Scantlings.                 | Spacing. | Scantlings.         | Spacing. | Scantlings. | Spacing. | Scantlings. | Spacing. |
| MIDSHIP BULKHEAD, Upper tween decks | 13.5               | 3 webs                      |          | 340 x 100 x 13 BA   |          |             |          |             |          |
| " " Second                          | 11.5               | 1 off 1830 x 11.5           |          | to                  |          |             |          |             |          |
| " " Third                           | 11.                | 1 " 1320 x 11.5             |          | 200 x 75 x 10 BA    |          |             |          |             |          |
| " " Holds                           | 10.5               | 1 " 1220 x 11.5             |          | 4 spaced 655 to 830 |          |             |          |             |          |
|                                     |                    | furth as per approved plan. |          |                     |          |             |          |             |          |
| COLLISION (in Hold)                 | 14.5               | 250 x 90 x 12 BA            |          | 3 webs              |          |             |          |             |          |
|                                     | 11.                | to 200 x 90 x 11 BA         |          | 2 off 1000 x 10     |          |             |          |             |          |
|                                     | 10.                | 4 spaced 797                |          | 1 " 840 x 10        |          |             |          |             |          |
| AFTER PEAK                          | 15.85              | 280 x 90 x 12 BA            |          | W.T. flat A.P.T.    |          |             |          |             |          |
|                                     | 7.5                | 6 150 x 75 x 8 BA           |          | 2 <sup>m</sup> deck |          |             |          |             |          |
|                                     |                    | 4 spaced 600                |          | Boiler flat.        |          |             |          |             |          |

## STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *Siemens Martin process*  
*Lanarkshire Steel Co Ltd; Colvilles Ltd; Dorman Long & Co Ltd; Appleby Iron Co Ltd; Register*  
*Witkowitz Bergbau & Eisenhütten Gesellschaft; Gutehoffnungshütte; S.A. de la Fabrique de fer de Ch*  
 Has the Steel been tested as required by the Rules? *Yes, by Surveyors at Steel works.*



M.S. "G. S. WALDEN"  
PARTICULARS OF LONGITUDINAL FRAMING.

| FRAMING.                 | AMIDSHIPS.  |       |        | ENDS. FORWARD.     |      |      | AMIDSHIPS.               |        |      | ENDS. AFT.                        |      |      | RIVETING.                      |             |  |         |                                  |    |
|--------------------------|-------------|-------|--------|--------------------|------|------|--------------------------|--------|------|-----------------------------------|------|------|--------------------------------|-------------|--|---------|----------------------------------|----|
|                          | In Ship.    |       |        | In Ship.           |      |      | Per Rule or as approved. |        |      | Per Rule or as approved. IN SHIP. |      |      | Rivets in Longitudinal Frames. |             | Spacing of Rivets on each side of Transverses and Bulkheads. |         | Rivets in Brackets to Bulkheads. |    |
|                          | Ins.        | Ins.  | Ins.   | Ins.               | Ins. | Ins. | Ins.                     | Ins.   | Ins. | Ins.                              | Ins. | Ins. | Diam. Ins.                     | Speng. Ins. | Inches.  | Number. | Diameter. Inches.                |    |
|                          |             |       |        |                    |      |      |                          |        |      |                                   |      |      |                                |             |  |         |                                  |    |
| L & C                    |             |       |        |                    |      |      |                          |        |      |                                   |      |      |                                |             |  |         |                                  |    |
| Between Decks ...        | 165         | 75    | 9.5    |                    |      |      | 165                      | 75     | 9.5  |                                   |      |      | 22                             | 132         |  |         | 6                                | 22 |
| Permost Continuous No. 1 | 200         | 90    | 11.5   | 180                | 90   | 10   | 200                      | 90     | 11.5 | 180                               | 90   | 10   | 22                             | 132         |  | 77      |                                  |    |
| " 2                      | 200         | 90    | 11.5   | 180                | 90   | 10   | 200                      | 90     | 11.5 | 180                               | 90   | 10   | 22                             | 132         |  | 77      |                                  |    |
| " 3                      | 230         | 90    | 11     | 180                | 90   | 10   | 230                      | 90     | 11   | 180                               | 90   | 10   | 22                             | 132         |  | 77      |                                  |    |
| " 4                      | 250         | 90    | 11     | 180                | 90   | 10   | 250                      | 90     | 11   | 180                               | 90   | 10   | 22                             | 132         |  | 77      |                                  |    |
| " 5                      | 280         | 90    | 12     | 180                | 90   | 10   | 280                      | 90     | 12   | 200                               | 90   | 10   | 22                             | 132         |  | 77      |                                  |    |
| " 6                      | 280         | 90    | 12     | 200                | 90   | 10   | 280                      | 90     | 12   | 200                               | 90   | 11   | 22                             | 132         | 99   | 77      |                                  |    |
| " 7                      | 280         | 90    | 14     | 200                | 90   | 10   | 280                      | 90     | 14   | 230                               | 90   | 11   | 22                             | 132         | 99   | 77      |                                  |    |
| " 8                      | 300         | 90    | 13     | 200                | 90   | 12   | 300                      | 90     | 13   | 230                               | 90   | 11   | 22                             | 132         | 99   | 77      |                                  |    |
| " 9                      | 300         | 90    | 13.5   | 200                | 90   | 13   | 300                      | 90     | 13.5 | 250                               | 90   | 11   | 22                             | 132         | 99   | 77      |                                  |    |
| " 10                     | 300         | 90    | 15     | 230                | 90   | 11   | 300                      | 90     | 15   | 250                               | 90   | 11   | 22                             | 132         | 77   | 77      |                                  |    |
| " 11                     | 13 1/2      | 4     | .49    | 230                | 90   | 11   | 340                      | 100    | 13   | 250                               | 90   | 12   | 22                             | 132         | 77   | 77      |                                  |    |
| " 12                     | 13 1/2      | 4     | .49    | 230                | 90   | 11   | 340                      | 100    | 13   | 250                               | 90   | 13.5 | 22                             | 132         | 77   | 77      |                                  |    |
| " 13                     | 13 1/2      | 4     | .49    | 250                | 90   | 11   | 340                      | 100    | 13   | 280                               | 90   | 12   | 22                             | 132         | 77   | 77      |                                  |    |
| " 14                     | 17          | 4 x 4 | .48/68 | 250                | 90   | 11   | 17 x 4 x 4               | .48/68 |      | 280                               | 90   | 14   | 25                             | 150         | 90   | 90      |                                  |    |
| 15 to 24 inclusive       |             |       |        | 15 to 22 inclusive |      |      |                          |        |      | 280                               | 90   | 14   |                                |             |  |         |                                  |    |
| " 16                     |             |       |        | 280                | 90   | 12   |                          |        |      | 300                               | 90   | 13   |                                |             |  |         |                                  |    |
| Amidships                | sides       | 447   | 763    |                    |      |      | sides                    |        | 762  |                                   |      |      |                                |             |  |         |                                  |    |
| At Ends                  | bottom      |       | 787    |                    |      |      | bottom                   |        | 787  |                                   |      |      |                                |             |  |         |                                  |    |
| Link Top Longitudinals   |             |       |        |                    |      |      |                          |        |      |                                   |      |      |                                |             |  |         |                                  |    |
| Bottom                   | 17          | 4 x 4 | .48/68 | 280                | 90   | 12   | 17 x 4 x 4               | .48/68 |      |                                   |      |      | 25                             | 150         | 90   | 90      |                                  |    |
| 15 to 24 inclusive       |             |       |        |                    |      |      |                          |        |      |                                   |      |      |                                |             |  |         |                                  |    |
| Amidships                |             |       | 787    |                    |      |      |                          |        | 787  |                                   |      |      |                                |             |  |         |                                  |    |
| At Ends...               |             |       |        |                    |      |      |                          |        |      |                                   |      |      |                                |             |  |         |                                  |    |
| Transverses.             |             |       |        |                    |      |      |                          |        |      |                                   |      |      |                                |             |  |         |                                  |    |
| Depth and Thickness      | 535         | x     | 9.5    |                    |      |      | 535                      | x      | 9.5  |                                   |      |      |                                |             |  |         |                                  |    |
| Face Angles              | flanged     |       | 75     |                    |      |      | flanged                  |        | 75   |                                   |      |      |                                |             |  |         |                                  |    |
| Lugs to Shell            | 90          | 90    | 9.5    |                    |      |      | 90                       | 90     | 9.5  |                                   |      |      | 22                             | 110         |  |         |                                  |    |
| Depth and Thickness      | 1070        | x     | 11     | 610                | x    | 10   | 1070                     | x      | 11   | 610                               | x    | 10   |                                |             |  |         |                                  |    |
| Face Angles              | 150         | 100   | 13     | 150                | 100  | 11   | 150                      | 90     | 11   | 150                               | 100  | 11.5 |                                |             |  |         |                                  |    |
| Lugs to Shell            | 150         | 150   | 11     | 150                | 150  | 11   | 150                      | 150    | 11   | 150                               | 150  | 11   | 22                             | 99          | 2 rows   |         |                                  |    |
| Depth and Thickness      | 2060        | x     | 12     | 1830               | x    | 12   | 2060                     | x      | 12   | 760                               | x    | 12.5 |                                |             |  |         |                                  |    |
| Face Angles              | 150         | 100   | 11     | 150                | 100  | 11   | 150                      | 90     | 11   | 150                               | 100  | 12.5 |                                |             |  |         |                                  |    |
| Lugs to Shell            | 150         | 150   | 12     | 150                | 150  | 12   | 150                      | 150    | 12   | 150                               | 150  | 12.5 | 22                             | 99          | 2 rows   |         |                                  |    |
| " " Back Bars            | 100         | 90    | 12.5   |                    |      |      | 100                      | 90     | 12.5 | 150                               | 150  | 12.5 |                                |             |  |         |                                  |    |
| Brackets                 |             |       |        |                    |      |      |                          |        |      |                                   |      |      |                                |             |  |         |                                  |    |
| Transverse Frames        | 2810 x 2667 |       |        | 1830               |      |      | 2810 x 2667              |        |      | 3000                              |      |      |                                |             |  |         |                                  |    |
| joggled or liners.       |             |       |        |                    |      |      |                          |        |      |                                   |      |      |                                |             |  |         |                                  |    |
| Bridge Deck              | 150         | 75    | 8      |                    |      |      | 150                      | 75     | 8    |                                   |      |      |                                |             |  |         |                                  |    |
| Upper                    | 230         | 90    | 11     | 150                | 75   | 8    | 230                      | 90     | 11   | 150                               | 75   | 8    |                                |             |  |         |                                  |    |
| Second                   | 250         | 90    | 11     | 180                | 75   | 9.5  | 250                      | 90     | 11   | 150                               | 75   | 9.5  |                                |             |  |         |                                  |    |
| Third                    |             |       |        |                    |      |      |                          |        |      |                                   |      |      |                                |             |  |         |                                  |    |

The particulars of framing in peaks (if ordinary), Floors, Centre Girder, Side Girders and Margin Plate and their angle attachments, etc., to be entered in their respective places provided for on the Report Forms.

NOTE:—This slip to be pasted on the fourth page of the Report, and reference to same to be made under framing, etc., on the first page.



## HAWSERS AND WARPS.

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.)

Secretary's letters M 29/6; 2.4-6-17-18-19-20-24-26/4; 8-16-24-27/8; 20-24-25-28/9;  
1-9-12-15-17-23/10; 7-13-20-30/11; 15-24/12-1934.-  
17-22-23-24/1; 8-11-28/2-1935.-

Plans approved for this vessel

| Date of Approval. | Description of Plans.                            |
|-------------------|--|
| 4-7-34            | Riveting doublings side shell & upper deck       |
| 4-7-34            | Riveting doublings on bottom shell               |
| 8-8-34            | Oil tight centre line bulkhead.                  |
| 20-9-34           | Arrangement doublings at O.T. transv. bulkheads. |
| 20-9-34           | Oil tight transverse bulkheads.                  |
| 25-9-34           | Doublings on bottom shell                        |
| 28-9-34           | Midship Section & Oil tight transv. bulkhd.      |
| 28-9-34           | Profile and Decks.                               |
| 9-10-34           | Fore end Sections                                |
| 9-10-34           | Cruiser Stern.                                   |
| 9-10-34           | Sections in way of Bridge.                       |
| 9-10-34           | Section in way pumproom Transverse 62.           |
| 12-10-34          | After Oil fuel bunker                            |
| 15-10-34          | After end Sections                               |
| 7-11-34           | Oil tight hatches to Cargo tanks.                |
| 13-11-34          | Upper deck plating                               |
| 19-11-34          | Double bottom in Motorroom.                      |
| 15-12-34          | Sternframe.                                      |
| 15-12-34          | Rudder.  |
| 24-12-34          | Cast Steel Stern.                                |
| 18-1-35           | Rudder (amended plan)                            |
| 24-1-35           | Double bottom in Motorroom.                      |
| 22-1-35           | Amended plan of Sternframe.                      |
| 8-2-35            | Amended plan of Sternframe as built.             |
| 28-2-35           | Afterpeak and Cruiser Stern.                     |

The following parts have been welded electrically or reinforced by electric welding:

Ends of all side longitudinals.  
Ends of all bottom longitudinals and backbone.  
Ends of hullside stiffeners.  
Ends of Centre line Bulkheads stiffeners.  
Ends of Transverse Bulkhead stiffeners.  
Butts of bottom plating in A, B, C and D  
shakes as detailed on approved plans.  
Inner corners of doubling plates in way  
of O.T. Bulkheads in flat of bottom.  
Centre and side keelsons to tanktop in  
Motorroom double bottom tank and  
Plans to centre and side keelsons in  
Motorroom double bottom tank  
as per approved plan.

All approved electrodes used and  
welding carefully examined and  
found as far as could be ascertained  
sound and good.

*B.L.*

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

1st Bower 60 Cwt. 0 lbs. 21 lbs. K.H. No 8392. Dusseldorf 15.8.30.  
2nd „ 58 Cwt. 2 lbs. 13 lbs. N.S. No 873. Stettin. 12.4.35.  
3rd „ 58 Cwt. 3 lbs. 24 lbs. N.S. No 874. Stettin. 12.4.35.  
STREAM. 23 Cwt. 0 lbs. 0 lbs. TMCI. No 4784. Antwerp. 15.9.34.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 107.2 ft., R.Q.D. ✓ ft., Bridge 33.4 ft., Forecastle 50.8 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) Two Decks (stl)  
*Mchy aft.*

Official No. ; Signal Letters

particulars of composition ✓

Is bottom of Vessel coated with cement no. if not given

PARTICULARS OF WATER BALLAST.—

| Where Fitted.                             | *Length.<br>Feet. | Water Capacity.<br>Tons. | Where Fitted.  | *Length.<br>Feet. | Water Capacity.<br>Tons. | Name of M    |
|---|-------------------|--------------------------|--|-------------------|--------------------------|--------------|
| Double bottom, aft,                       |                   |                          | Fore peak tank,  |                   |                          | Owners       |
| Double bottom, under Engines and Boilers, | 86.               | 157.                     | After peak tank,                                       | 30.               | 282.                     | Residence, a |
| Double bottom, if under Engines only,     |                   |                          | Deep tank, aft, Fuel Bunker.                           | 18.               | 130.                     | The Ori      |
| Double bottom, if under Boilers only,     |                   |                          | Deep tank, forward, Reserve Fuel Bunker.               | 19.               | 1040.                    |              |
| Double bottom, forward,                   |                   |                          | Other tanks, if fitted, Summertank Bunker.             | 30.5              | 896.                     |              |
|   |                   |                          | (If necessary, furnish further information by sketch.) | 19.               | 239.                     |              |
| Total capacity of double bottom           |                   | 157.                     |  |                   |                          |              |

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

Order for Special Survey No. 823

Date 10.9.1934.

Dates of Surveys held while building

24-29/8; 25/9; 1/10; 13-26-29-20/11; 3-4-7-12-13-14-17-19-20-21-24-27-28-21/12-1934.-  
3-4-9-10-11-12-14-15-16-17-18-19-21-23-24-26-28-29-30-31/1; 1-2-4-5-6-8-11-12-13-14-15-18-19-20/2;  
21-22-25-26-27-28/2; 1-2-4-5-6-7-8-9-11-12-13-15-16-18-19-21-22-23-25-26-27-28-29-30/3;  
1-2-3-4-5-6-8-9-10-11-12-13-15-16-17-18-19-20-23-24-25-26-27-29-30/4; 1-2-3-4-6-7-8/5  
9-10-11-13-14-15-16-17-18-20-21-22-23-24-25-27-28-29-30-31/5; 1-3-4-5-6-7-8-11-12-13-14-15/6;  
17-18-19-20-21-27/6; 1-2-3-4-5-8-9-10-11-12-15-17-18-19-22-25-24-25-29-30-31/7;  
2-3-5-6-9-14-15/8-1935

Total No. of Visits 184