

## STEEL STEAMER or MOTORSHIP.

12 OCT

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 *3<sup>rd</sup> October 1936*Port of *Hamburg*No. *22061*Survey held at *Hamburg*Date First Survey *28<sup>th</sup> January 1936*Last Survey *22<sup>nd</sup> September 1936*

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

*Steel Single Screw Motor Propellers "NORLYS"**Machinery fitted aft.*

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

*Full scantling Tessel*

State Type of Erections and Piping

TONNAGE under Tonnage Deck...

*9190*

CLASS

*+100 A1*

State if with freeboard as condition of Class

*no.*Built at *Hamburg, Reich-Trauerwerder*

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 483.465*Launched *28<sup>th</sup> July*Yard No. *187*

Total

Breadth (greatest moulded)

*B 65.75*Builders *Deutsche Werft, A.G.*

Gross Tonnage

*9892*

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

*D 35.917*Owners *Johann Resmussen & Co.*

Register Tonnage

*5901*1st Longitudinal Number (L x D) = *17.365*

Managers

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

2nd Numeral L x (B + D) = *49.152*Residence *Sandefjord*

## REGISTERED DIMENSIONS.

FEET.

Length

*492.9*

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

*13.46*Port of Registry *Panama City*

Breadth

*66.1*

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

*13.46*

If surveyed while building, afloat, or in dry dock

Depth

*36.4*

Do. Long Bridge to top of keel

*28' 1 7/8"*

Draught Moulded

*Surveyed while building and afloat.*

## FRAMES, DOUBLE BOTTOM AND BEAMS.

|  | MIN. THICKNESS IN SHIP.   | Any Departure from Approved Plans to be Noted. |  | MIN. THICKNESS IN SHIP. | Any Departure from Approved Plans to be Noted. |
|--|---|--|--|-------------------------|--|
| <b>FRAMES, Spacing amidships</b>   | <i>760</i>  |  | <b>Bracket Floors, Frame</b>   |                         |  |
| " " from $\frac{3}{8}$ length to Collision bulkhead                      | <i>685</i>  |  | " " Reversed Frame   |                         |  |
| " " in peaks   | <i>610</i>  |  | " " Vertical Struts  |                         |  |
| <b>SIDE FRAMING.</b>   |   |  | <b>Centre Girder, depth and thickness amidships</b>  | <i>1580.12 13.5</i>     |  |
| Frame Amidships, <i>250 90 13</i>  |   |  | " " top Angles   | <i>90 90 13-14</i>      |  |
| " " Extends up to <i>upper deck</i>                                      |   |  | " " bottom Angles  | <i>130 130 14-15</i>    |  |
| Reversed Frame Amidships, Angle  |   |  | <b>Side Girders, No. each side and thickness</b>   | <i>2 14</i>             |  |
| " " Extends up to  |   |  | <b>Margin Plate</b> depth (excl. of flange) and thickness  | <i>1050-140</i>         |  |
| Depth of Framing Girder  | <i>250</i>  |  | " " Vertical Angle to Tank side Bracket  | <i>160 160 14</i>       |  |
| Frames in Uppermost Continuous 'tween Decks, Angle, [ or ]               |   |  | " " Vertical Angle to Tank side Bracket forward $\frac{1}{2}$ len. from stem   | <i>continuous</i>       |  |
| " " Second 'tween Decks, Angle, [ or ]                                   |   |  | " " Gussets, spacing and scantling   | <i>550-11</i>           |  |
| " " Third " " "  |   |  | " " Gussets, spacing and scantling forward $\frac{1}{2}$ len. from stem  |                         |  |
| Framing in Peaks, <i>230 90 12</i>                                       |   |  | <b>Tank Side Brackets, height above base line at toe of Frame and thickness</b>  | <i>2300-14</i>          |  |
| Diameter and Spacing of Rivets through Frame and Shell Plating amidships | <i>22 120</i>   |  | <b>INNER BOTTOM PLATING.</b>   |                         |  |
| State if Frame Joggled   | <i>no</i>   |  | Breadth and thickness of Middle Line Strake  | <i>1420-13.5</i>        |  |
| <b>PANTING ARRANGEMENTS</b> (Sec. 7), state system and particulars       | <i>Springer and web frames 3 bottom strakes of increased thickness on side girders.</i> |  | Thickness of remainder in <i>ENGINE ROOM</i>   | <i>30-13.5</i>          |  |
| <b>STRENGTHENING OF BOTTOM FORWARD.</b> State Particulars                |   |  | 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? | <i>yes.</i>             |  |
| <b>SINGLE BOTTOM.</b>  |   |  | <b>BEAMS.</b>  |                         |  |
| Floors, Depth and thickness at mid-line in Holds                         | <i>1350-11-12</i>   |  | Uppermost Continuous Deck, amidships   | <i>230 90 11</i>        |  |
| Height of Brackets at side above base line at toe of frame               |   |  | " " in way of Bridge, Angle, [ or ]  |                         |  |
| Middle Line Keelson, <i>300 90 16</i>                                    |   |  | Spacing  | <i>every frame</i>      |  |
| FACE BAR <i>1920-15</i>  |   |  | <b>I. STRINGER</b>   |                         |  |
| " " Through Plate  |   |  | Deck, amidships, Angle, <i>200 90 10</i>   |                         |  |
| " " Foundation Plate on Floors   |   |  | Spacing  | <i>every frame</i>      |  |
| " " Flat Plate Keel Angles <i>150 150 15</i>                             |   |  | <b>II. STRINGER</b>  |                         |  |
| Side Keelsons, No. each side   | <i>2</i>  |  | Deck, amidships, Angle, <i>200 90 10</i>   |                         |  |
| " " thickness of <i>11.5</i>   |   |  | Spacing  | <i>every frame</i>      |  |
| " " FACE BAR <i>200 90 10</i>  |   |  | <b>III. STRINGER</b>   |                         |  |
| " " Angles <i>90 90 11.5</i>   |   |  | Deck, amidships, Angle, <i>200 90 10</i>   |                         |  |
| <b>DOUBLE BOTTOM. AFT</b>  |   |  | Spacing  | <i>every frame</i>      |  |
| Solid Floors, thickness and spacing                                      | <i>12 760</i>   |  | <b>Poop Deck, <i>230 90 10</i></b>   |                         |  |
| " " Are Frame and Reversed Frame joggled?                                | <i>no</i>   |  | Spacing  | <i>every frame</i>      |  |
| Bracket Floors, breadth and thickness at middle line                     |   |  | <b>Bridge Deck, Angle, [ or ]</b>  |                         |  |
| " " breadth and thickness at margin plate                                |   |  | Spacing  | <i>230 90 11</i>        |  |
|  |   |  | <b>Forecastle Deck, <i>200 90 10</i></b>   |                         |  |
|  |   |  | Spacing  | <i>every frame</i>      |  |



## PILLARS AND DECKS.

|  | IN SHIP.<br>WORKS IN SHIP. | Any Departure from<br>Approved Plans to<br>be Noted. |  | IN SHIP.<br>WORKS IN SHIP. | Any Departure from<br>Approved Plans to<br>be Noted. |
|--|----------------------------|--|--|----------------------------|--|
| <b>PILLARS</b> , No. of Rows. <i>2 Longitudinal bulkheads</i>        |                            |  | Stringer Plate, breadth and thickness in way<br>of Bridge .....      | ✓                          | ✓  |
| " in 'tween Decks, Size and Spacing.....                             | ✓                          | ✓  | Thickness of Plating abreast Deck openings<br>in way of Wells .....  | ✓                          | ✓  |
| " " " " "  | ✓                          | ✓  | Thickness of Plating abreast Deck openings<br>in way of Bridge ..... | ✓                          | ✓  |
| <i>FORM.</i> " in Hold <i>hollow pillars</i>                         | 250                        | 12   | Thickness of Plating within line of openings...                      | ✓                          | ✓  |
| " " " " "  |                            |  | If Sheathed, material and thickness .....                            | ✓                          | ✓  |
| <b>Centre Line Bulkhead.</b> <i>FORM. DEEPTANK</i>                   |                            |  | <b>Third Deck.</b>   | ✓                          | ✓  |
| Stiffeners and Spacing <i>BULB ANGLE</i>                             | 230                        | 90 11  | Stringer Plate, breadth and thickness.....                           | ✓                          | ✓  |
| Plating, thickness of .....  | 685                        | 8-11   | If Plated, state thickness.....                                      | ✓                          | ✓  |
| <b>STRINGERS AND DECKS.</b>  |                            |  | <b>Fourth Deck.</b>  | ✓                          | ✓  |
| <b>Uppermost Continuous Deck.</b>                                    |                            |  | Stringer Plate, breadth and thickness.....                           | ✓                          | ✓  |
| Stringer Plate, breadth and thickness <i>1690</i>                    | 1690                       | 23   | If Plated, state thickness .....                                     | ✓                          | ✓  |
| " " " " in way of Bridge   | ✓                          | ✓  | <b>Poop Deck.</b>  | 1600                       | 16   |
| " Angle in Wells .....   | 200                        | 200 23   | Stringer Plate, breadth and thickness .....                          | 990                        | 9.5  |
| Thickness of Plating abreast Deck openings<br><i>21</i> .....        | 21                         | ✓  | Plating, Sheathing, material and thickness ...                       | 7.5                        | 90. 10   |
| Thickness of Plating abreast Deck openings<br>in way of Bridge ..... | ✓                          | ✓  | <b>Bridge Deck.</b>  | ✓                          | ✓  |
| Thickness of Plating within line of openings...                      | 12                         | ✓  | Stringer Plate, breadth and thickness.....                           | ✓                          | ✓  |
| If Sheathed, material and thickness .....                            | not sheathed               | ✓  | Plating, Sheathing, material and thickness ..                        | ✓                          | ✓  |
| <b>Second Deck.</b>  | ✓                          | ✓  | <b>Forecastle Deck.</b>  | 915                        | 9.5  |
| Stringer Plate, breadth and thickness in Wells...                    | ✓                          | ✓  | Stringer Plate, breadth and thickness.....                           | 9                          | ✓  |
|  |                            |  | Plating, Sheathing, material and thickness ..                        | 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.                     |                       | STRAPPED OR<br>LAPPED. |
|   | Breadth.                    | Thickness.                  | Thickness.                  | Thickness.                  |  |                  |                             | Diam.                       | Spacing<br>cr. to cr. |                             | Diam.                       | Spacing<br>cr. to cr. |                        |
|   |                             |                             |                             |                             |  |                  |                             |                             |                       |                             |                             |                       |                        |
|   | <i>Thickness<br/>in in.</i> | <i>Thickness<br/>in in.</i> | <i>Thickness<br/>in in.</i> | <i>Thickness<br/>in in.</i> |  |                  | <i>Thickness<br/>in in.</i> | <i>Thickness<br/>in in.</i> |                       | <i>Thickness<br/>in in.</i> | <i>Thickness<br/>in in.</i> |                       |                        |
| FLAT PLATE KEEL .....                   | 1400                        | 24.5                        | 20.5                        | 20.5                        | ✓  | Double           | 28                          | 110                         | 5                     | 280                         | 100                         | Lapped                |                        |
| „ DBLG. (if any)                        | ✓                           | 26                          | ✓                           | ✓                           |  | ✓                | ✓                           | ✓                           | ✓                     | ✓                           | ✓                           | ✓                     |                        |
| BOTTOM PLATING, No. 4 of Strakes .....  | 2300                        | 18                          | 19.5                        | 13.5                        | ✓  | Double           | 22                          | 85                          | 5                     | 22                          | 99                          | Lapped                |                        |
| BILGE PLATING, No. of Strakes .....     | 1850                        | 18                          | 16                          | 13.5                        | ✓  | "                | 22                          | 85                          | 5                     | 22                          | 99                          | "                     |                        |
| SIDE PLATING, No. of Strakes .....      | 242150                      | 17                          | 12.5                        | 12.5                        | ✓  | " ✓              | 22                          | 85                          | 4                     | 22                          | 88                          | "                     |                        |
| UPPER DECK, Sheer-strake in .....       | 2150                        | 25                          | 12.5                        | 12.5                        | ✓  | "                | 28                          | 110                         | 5                     | 28                          | 126                         | "                     |                        |
| UPPER DECK, Sheer-strake in Bridge ...  | ✓                           | ✓                           | ✓                           | ✓                           |  | ✓                | ✓                           | ✓                           | ✓                     | ✓                           | ✓                           | ✓                     |                        |
| STRAKE BELOW Sheer-strake in .....      | 2250                        | 21                          | 12.5                        | 12.5                        | ✓  | Double           | 25                          | 95                          | 5                     | 25                          | 110                         | Lapped                |                        |
| STRAKE BELOW Sheer-strake in Bridge ... | ✓                           | ✓                           | ✓                           | ✓                           |  | ✓                | ✓                           | ✓                           | ✓                     | ✓                           | ✓                           | ✓                     |                        |
| POOP SIDE PLATING .....                 | ✓                           | ✓                           | 22                          | 11                          | ✓  | Double           | 22                          | 85                          | 3                     | 22                          | 77                          | Lapped                |                        |
| BRIDGE SIDE PLATING ...                 | ✓                           | ✓                           | ✓                           | ✓                           |  | ✓                | ✓                           | ✓                           | ✓                     | ✓                           | ✓                           | ✓                     |                        |
| FOREC'TLE SIDE PLATING                  | ✓                           | ✓                           | 11                          | ✓                           | ✓  | Single           | 22                          | 77                          | 2                     | 22                          | 77                          | Lapped                |                        |

## WATERTIGHT BULKHEADS.

## FORGINGS and CASTINGS.

| 6 0.7.                             |     | Total No. of W.T. BULKHEADS in Vessel— |  |
|------------------------------------|-----|--|--|
| Extending to Upper Deck (Sec. 3 c) | 16  | (12)                                   |  |
| „ Deck next below                  | 16  |  |  |
| As per Rule                        | yes |  |  |

|                       | Plating Thickness. | STIFFENERS. |           |             |          |
|-----------------------|--------------------|-------------|-----------|-------------|----------|
|                       |                    | VERTICAL.   |           | HORIZONTAL. |          |
|                       |                    | Scantlings. | Spacing.  | Scantlings. | Spacing. |
| CENTRE TANKS          |                    | 12x80-1520  | 2300      | 150.75.75   | 440      |
| MIDSHIP BULK'D, Upper | 8-13.2             | 11.5        | 2300      | 250.90.115  | 440      |
| SIDE TANKS            |                    | 12x50-90-11 | 670       |             |          |
| „ „                   | 8-13               | 90-11       | 670       |             |          |
| „ „ Third             |                    |             |           |             |          |
| „ „ Holds             |                    |             |           |             |          |
| COLLISION             | (in Hold)          | 65-13       | 120.90.11 | 280-90-12   | 600      |
| AFTER PEAK            |                    | 75-13       | 165.75.10 | 250.90.11   | 600      |

|                                    | Casting or Forging. | Scantlings. | Maker's Name. | Any departure from approved plans to be noted. |
|------------------------------------|---------------------|-------------|---------------|--|
| KEEL, Bar                          | Flat plate          | 12 in.      | Keel          |  |
| STEM                               | Plate               | 12 in.      | Keel          |  |
| STERN FRAME                        | Propeller Post      | Cast        | Keel          |  |
| INTERM.                            | Rudder SHAFT        | 2700        | Keel          |  |
| Speed of Vessel                    | 12 Kn.              |             |               |  |
| RUDDER—Type                        | Simplex Balance     |             |               |  |
| „ A x D                            |                     |             |               |  |
| „ Diam. of head                    | 293                 |             |               |  |
| „ Mainpiece at top pintle          |                     |             |               |  |
| „ „ heel                           |                     |             |               |  |
| „ how constructed                  | Double welded       |             |               |  |
| „ double or single plate           | Double plate        |             |               |  |
| „ coupling, vertical or horizontal | horizontal          |             |               |  |

## STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *Open Hearth Process*

Has the Steel been tested as required by the Rules?



| Number of Certificate. | Anchors.           | WEIGHT, EX. STOCK. |      |      | WEIGHT OF STOCK. |      |      | TEST, PER CERTIFICATE. |       |      |      | WEIGHT REQUIRED BY TABLE 53. | Description of Anchor. | Makers.          | Where and when tested and Superintendent. |
|------------------------|--------------------|--------------------|------|------|------------------|------|------|------------------------|-------|------|------|------------------------------|------------------------|------------------|---|
|                        |                    | Owts.              | qrs. | lbs. | Owts.            | qrs. | lbs. | Tons.                  | owts. | qrs. | lbs. |                              |                        |                  |   |
| 2900                   | 1st Bower ...      | 84                 | 0    | 3    | "                | "    | "    | 61                     | 0     | 0    | 0    | Owts.                        | Stockless              | C. Johnson & Co. | May 26, 1894, 14.7.36                     |
| 2901                   | 2nd " ...          | 84                 | 2    | 6    | "                | "    | "    | 61                     | 0     | 0    | 0    |                              | "                      | "                | " 14.7.36 "                               |
| 2902                   | 3rd " ...          | 84                 | 1    | 1    | "                | "    | "    | 61                     | 0     | 0    | 0    |                              | "                      | "                | " 14.7.36 "                               |
|                        | Collective weight. | 252                | 3    | 10   |                  |      |      |                        |       |      |      | 244 1/2                      |                        |                  |   |
| 2903                   | Stream .....       | 25                 | 0    | 18   | 16               | 1    | 23   | 24                     | 19    | 1    | 14   | 25 cwts. or stock            | Ordinary               | "                | " 14.7.36 "                               |

## CHAIN CABLES.

| 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. | Status.               | Break- ing. | Supplied.              | Per Rule. | Length.                       | Diam. |              |                                     |  |                         | Length.                   | Cir.  |                              | Length.                       | Cir.  |
|  | Fathoms.                  | Ins.  | Tons.                 | Tons.       | Cwts. qrs. lbs.        | Owts.     | Fathoms.                      | Ins.  |              |                                     |  |                         | Fathoms.                  | Ins.  | Tons.                        | Fathoms.                      | Ins.  |
| 1272   | 302                       | 2 7/8 | 116 3/4               | 163 3/8     | 1081.2                 | 27        | 989                           | 300   | 2 7/8        | Lead Guttschhoffnung. Herbrande     | 19.9.36 J. Bunt                            | Special Twisted TOWLINE | 130                       | 5 1/2 | 90                           | 130                           | 5 1/2 |
|  |                           |       |                       |             |                        |           |                               |       |              |                                     |  |                         | 44                        |       |                              | 24                            |       |
|  |                           |       |                       |             |                        |           |                               |       |              |                                     |  | HAWSERS & WARPS         | 100                       | 2 3/4 | 249                          | 100                           | 2 3/4 |
|  |                           |       |                       |             |                        |           |                               |       |              |                                     |  |                         | 24                        |       |                              | 24                            |       |
|  |                           |       |                       |             |                        |           |                               |       |              |                                     |  |                         | 100                       | 3     | 277                          | 100                           | 3     |
| Special Twisted Wire Stream Cable "An Steel Wire | 120                       | 4 3/4 |                       | 69.7        |                        |           |                               | 120   | 4 3/4        | Guttschhoffnung. J. Bunt. Kirschner | 6.6.36 Bruggen                             |                         |                           |       |                              |                               |       |

Steering Gear, ~~Hand~~ *Electric, efficient Deutsche Werke, Kiel* Steering Gear, Hand *yes, efficient.*

Boats *2 lifeboats, 1 motor boat* Steering Chains, Size and Test *no chains* Windlass *steam, efficient.*

*FORWARD*

Ceiling in Hold, thickness and material *65 mm pine* Cargo Battens, thickness, material and spacing *none fitted*

Cargo Hatchways.—(Upper Deck) *Steel plates and angles* Thickness of Hatches *Steel covers 15 mm thick.*

*- 19*

Size of No. 1 Hatchway ~~(1525x1070)~~ *1525x1070* No. 2 No. 3 No. 4 No. 5 No. 6

Number of Shifting Beams and/or Fore and Afters *none*

**DEUTSCHE WERFT**  
**AKTIENGESELLSCHAFT**

*Builder's Signature*

**GENERAL 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  
(b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo oil tanker The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point.

Oil fuel flash point above 150°F.

This vessel has been built in accordance with the approved and amended plans, the requirements embodied in the Secretary's <sup>letters</sup> and in all other respects in conformity with the Rules and Society's Requirements for "Carrying Petroleum in bulk." The workmanship is of the best description for this type of vessel's, all parts conforming well with each other without use of any packing and efficiently riveted together. The peak tanks, double bottom tanks, deep tanks, oil cargo tanks and cofferdams have been filled and tested as required by the Rules and were found perfectly tight. The air and sounding pipes of all tanks comply with the Rules. The pumping arrangement and strengthening of the bottom forward have been carried out as approved. The steel material used in the construction of this vessel has been made at works approved by the Committee and tested by the Society's Surveyors.

|                                 |            |        |   |   |
|---------------------------------|------------|--------|---|---|
| The amount of Entry Fee . . . . | <i>Rm.</i> | 220.   | - | Fees applied for,<br><u>7.10.1936</u><br>Received by me,<br><u>21.11.1936</u> |
| Special Survey Fee . . . .      | <i>Rm.</i> | 13419. | - |   |
| <i>Freeland</i>                 | <i>Rm.</i> | 400.   | - |   |
| Travelling Expenses, if any     | <i>Rm.</i> | 121.   | - |   |

(Special notations, where part of class, to be stated.)

I am of opinion the Vessel should be Classed +100 A1  
"Carrying Petroleum in bulk."

State whether the Vessel has been built under Special Survey yes

Signature *Charles W. N. Goering*  
Surveyor to Lloyd's Register of Shipping

Certificate to be sent to Hamburg Office Date of issue 23/4/36

## Committee's Minute

*Character assigned*

+100A1  
carrying problems in Buck.

LLOYD A. & C.

Machy agh.

Rudder Electrically welded.

C. L. 3 D.B. 140 lb

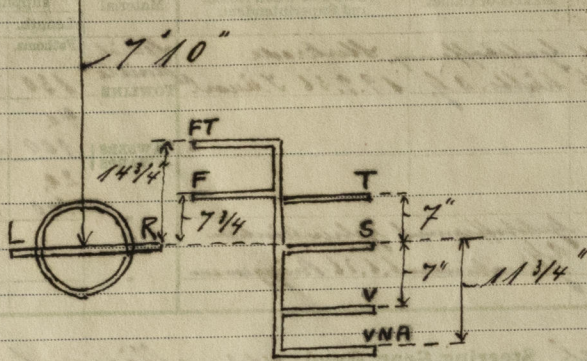
Wickham



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.)

Anchors and cables have been compared with the Certificates and found in order. The rudder is of special construction electric welded Simplex Balance Rudder. The foreboard as assigned by the Committee has been marked and cut in on the vessel's sides, verified same and found correctly marked.

Upper edge of stringer plate (Upper deck).



Sister vessel.  
"MARINA" No. 161.

The approved plans are being retained for use in connection with the sister vessel Yard No. 182.

Plans showing vessel as built: Midship Section and Profile - decks are all added.

5 Test Certificates attached.

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

Cruiser stern; Machinery aft; Rudder electrically welded.

| Particulars of Drop Test of Cast Steel Anchors, viz.:—<br>Weight, Surveyor's Initials, Number of Certificate, Date of Test. | Head: Weight: 55: 1: 8 wts. drop test: 12 ft. No. 1310 N. Shells 3. 7. 26. |       |   |   |
|---|--|-------|---|---|
|   | 1st Bower  | Shank | " | " |
|   |  | Head  | " | " |
|   |  | Shank | " | " |
|   | 2nd "  | Head  | " | " |
|   |  | Shank | " | " |
|   | 3rd "  | Head  | " | " |
|   |  | Shank | " | " |

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 113.5 ft., R.Q.D. 5 ft., Bridge 5 ft., Forecastle 68.75 ft. (in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated

No. and Material of Decks 1 dk (Steel); 2nd dk. (Sk) in machinery space.

Official No. 36; Signal Letters H. P. G. H. Is bottom of vessel coated with cement. Fore & after peak cement not give particulars of composition. Oil tanks not coated, Fresh water tanks in engine space cement.

#### PARTICULARS OF WATER BALLAST.—

| Where Fitted.                             | *Length.<br>Feet.               | Water Capacity.<br>Tons. | Where Fitted.  | *Length.<br>Feet. | Water Capacity.<br>Tons. |
|---|---------------------------------|--------------------------|--|-------------------|--------------------------|
|   |                                 |                          |  |                   |                          |
| Double bottom, aft,                       |                                 |                          | Fore peak tank,  | 26                | 164                      |
| Double bottom, under Engines and Boilers, |                                 |                          | After peak tank,                                       | 18                | 258                      |
| Double bottom, if under Engines only,     | 75                              | 225                      | Deep tank, aft,  | 43                | 713                      |
| Double bottom, if under Boilers only,     |                                 |                          | Deep tank, forward,                                    |                   |                          |
| Double bottom, forward,                   |                                 |                          | Other tanks, if fitted,                                |                   |                          |
|   | Total capacity of double bottom | 225                      | (If necessary, furnish further information by sketch.) |                   |                          |

\* The wells are not to be included in the lengths of the tanks (See Circular No. 1284).

Order for Special Survey No. 173

Date 11. 36.

Dates of Surveys held while building

1936: January 28, February 10, 13, 17, 20, 25, 27, March 10, 14, 17, 20, 24, 27, 31, April 7, 14, 21, 22, 24, 28, 30, May 6, 9, 12, 15, 22, 27, June 2, 5, 9, 12, 17, 19, 30, July 2, 6, 7, 9, 11, 14, 15, 20, 21, 23, 24, 28, August 7, 11, 18, September 4, 8, 11, 17, 22.

Lloyd's Register  
Foundation

Total No. of Visits 54