

STEEL ~~STEAMER~~ OR MOTORSHIP.

28 AUG 1953

Received at London Office

State if Report has been sent on the Freeboard of the Vessel YESState if Report is sent on the Machinery of the Vessel YESDate of completion of report 23-8-53 Port of Groningen No. 861<sup>a</sup>Survey held at Westerbroek Date First Survey 20-3-53 Last Survey 20-8-1953On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) single screw steel m.v. "PERMATA" Mch. aftState Type (Full Scantling/Complete Superstructure with or without Tonnage Openings) Full Scantling State Type of Erections First, R.R., R.R. Rep.TONNAGE under Tonnage Deck 293.05CLASS 100A1State if with freeboard as condition of Class NoBuilt at WesterbroekDo. 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) 171.6Launched 12-5-53 Yard No. 727Total ✓Breadth (greatest moulded) B 31.82Builders M.V. E.J. Smit & ZnGross Tonnage 664.89Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 9.71Owners Peuplik IndonesiaRegister Tonnage 439.361st Longitudinal Number (L x D) =Managers ✓  
(Where necessary to be entered in Reg. Book)2nd Numeral L x (B + D) =Residence Djakarta

## REGISTERED DIMENSIONS.

FEET

Length 174.7Framing Depth "d," at middle of length. See Sec. 3 (1d) =Breadth 31.9Proportions—Depth to Length—Uppermost continuous deck to top of keel =Depth 7.2Do. Long Bridge to top of keel =Draught Moulded 9'-6 5/8"Port of Registry Djakarta

If surveyed while building, afloat, or in dry dock

while building

## FRAMES, DOUBLE BOTTOM AND BEAMS.

|  | W.M. IN SHIP.      | Any Departure from Approved Plans to be Noted. |   | W.M. IN SHIP.   | Any Departure from Approved Plans to be Noted. |
|--|--------------------|--|---|-----------------|--|
| FRAMES, Spacing amidships.....   | 550                | ✓  | Bracket Floors, Frame .....   | 130 75 9        | 130.65.9                                       |
| "    "    from 1/2 length amidships to Collision bulkhead.....   | 550                | ✓  | "    "    Reversed Frame.....   | 90 65 7         |  |
| "    "    in peaks .....   | 550                | ✓  | "    "    Vertical Struts .....   | 127 65 10       | 12   |
| SIDE FRAMING.  |                    |  | Centre Girder, depth and thickness amidships  | 750 9           |  |
| Frame Amidships, Angle, <u>90 75 8 1/2</u>   | <u>90 75 8 1/2</u> | <u>90.65.8 1/2</u>                             | "    "    top Angles .....  | EW              |  |
| "    "    Extends up to.....   | <u>frbd. deck</u>  |  | "    "    bottom Angles .....   | EW              |  |
| Reversed Frame Amidships, Angle .....  | ✓                  |  | Side Girders, No. each side and thickness... <u>ONE</u>   | <u>250 75 7</u> |  |
| "    "    Extends up to .....  | ✓                  |  | Margin Plate depth (excl. of flange) and thickness .....  | <u>680 x 8</u>  |  |
| Depth of Framing Girder.....   | ✓                  |  | "    "    Vertical Angle to Tank side Bracket abaft 1/2 len. from stem .....  | E.W.            |  |
| Frames in Uppermost Continuous 'tween Decks, Angle, [ or ] .....   | ✓                  |  | "    "    Vertical Angle to Tank side Bracket from forward 1/2 len. from stem to Panting Area .....   | E.W.            |  |
| "    "    Second 'tween Decks, Angle, [ or ] .....   | ✓                  |  | "    "    Gussets, spacing and scantling abaft 1/2 len. from stem.....  | ✓               |  |
| "    "    Third " " " " .....  | ✓                  |  | "    "    Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area .....  | ✓               |  |
| "    "    from 1/2 len. for'd. to 15% len. from Stem .....   | <u>90 75 8 1/2</u> | <u>90.65.7 1/2</u>                             | Tank Side Brackets, height above base line at toe of Frame and thickness  | <u>1020 7</u>   |  |
| "    "    in Peaks, Angle <u>90 75 8</u>   | <u>100 65 8</u>    | <u>100.65.8</u>                                | INNER BOTTOM PLATING.   |                 |  |
| Diameter and Spacing of Rivets through Frame and Shell Plating amidships .....   | <u>5/8" 7d</u>     | ✓  | Breadth and thickness of Middle Line Strake...  | <u>1520 8</u>   | <u>1220.8</u>                                  |
| State if Frame Joggled.....  | <u>no</u>          | ✓  | Thickness of remainder in Holds .....   | 7               |  |
| Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved? .....         | <u>yes</u>         | ✓  | 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?..... | ✓               |  |
| Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?..... | <u>yes</u>         | ✓  | BEAMS. <u>Freeboard deck</u>  |                 |  |
| SINGLE BOTTOM.   |                    |  | Uppermost Continuous Deck, amidships in Wells, Angle, <u>90 75 8</u>  | <u>75 50 6</u>  |  |
| Floors, Depth and thickness at mid-line in Holds.....  |                    |  | "    "    in way of Bridge, Angle, <u>90 75 8</u>   | <u>75 50 6</u>  |  |
| Height of Brackets at side above base line at toe of frame.....  |                    |  | "    "    Spacing .....   | <u>550</u>      |  |
| Middle Line Keelson, on Floors, Angles, [ or ] .....   |                    |  | Second Deck, amidships, Angle, [ or ] .....   | ✓               |  |
| "    "    Through Plate or Inter-costal Plate .....  |                    |  | Spacing .....   | ✓               |  |
| "    "    Foundation Plate on Floors .....   |                    |  | Third Deck, amidships, Angle, [ or ] .....  | ✓               |  |
| "    "    Flat Plate Keel Angles .....   |                    |  | Spacing.....  | ✓               |  |
| Side Keelsons, No. each side.....  |                    |  | Fourth Deck, amidships, Angle, [ or ] .....   | ✓               |  |
| "    "    thickness of Inter-costal Plate.....   |                    |  | Spacing.....  | ✓               |  |
| "    "    Angles .....   |                    |  | Poop Deck, Angle, <u>90 75 8</u>  | <u>75 50 6</u>  |  |
| DOUBLE BOTTOM.   |                    |  | Spacing.....  | <u>550</u>      |  |
| Solid Floors, thickness and spacing .....  | <u>7 2200</u>      | ✓  | Bridge Deck, Angle, <u>90 75 8</u>  | <u>75 65 7</u>  |  |
| "    "    Are Frame and Reversed Frame joggled? .....  | <u>no</u>          | ✓  | Spacing.....  | <u>550</u>      |  |
| Bracket Floors, breadth and thickness at middle line .....   | <u>545 65 7</u>    | ✓  | Forecastle Deck, Angle, <u>90 75 8</u>  | <u>75 50 7</u>  |  |
| "    "    breadth and thickness at margin plate.....   | <u>545 65 7</u>    | ✓  | Spacing.....  | <u>550</u>      |  |

# PILLARS AND DECKS.

|   |                                   | AS IN SHIP. | Any Departure from Approved Plans to be Noted. |   |             | AS IN SHIP. | Any Departure from Approved Plans to be Noted. |
|---|-----------------------------------|-------------|--|---|-------------|-------------|--|
| PILLARS, No. of Rows  | widely spaced                     | ✓           |  | Stringer Plate, breadth and thickness in way of Bridge      |             |             |  |
| "   | Bridge                            | ✓           |  | Thickness of Plating abreast Deck openings in way of Wells  |             |             |  |
| "   | in 'tween Decks, Size and Spacing | φ 65-75     | ✓  | Thickness of Plating abreast Deck openings in way of Bridge |             |             |  |
| "   | "                                 |             |  | Thickness of Plating within line of openings                |             |             |  |
| "   | in Holds                          | φ 100-90-76 | ✓  | If Sheathed, material and thickness                         |             |             |  |
| "   | "                                 |             |  | Third Deck.   |             |             |  |
| Centre Line Bulkhead.                                       |                                   |             |  | Stringer Plate, breadth and thickness                       | ✓           |             |  |
| Stiffeners and Spacing                                      |                                   | ✓           |  | If Plated, state thickness                                  |             |             |  |
| Plating, thickness of                                       |                                   | ✓           |  | Fourth Deck.  |             |             |  |
| STRINGERS AND DECKS.  |                                   |             |  | Stringer Plate, breadth and thickness                       | ✓           |             |  |
| Uppermost Continuous Deck. Freeb. deck                      |                                   | ✓           |  | If Plated, state thickness                                  |             |             |  |
| Stringer Plate, breadth and thickness in Wells              |                                   | ✓           |  | Poop Deck.  |             |             |  |
| "   | "                                 |             |  | Stringer Plate, breadth and thickness                       | ✓           |             |  |
| "   | "                                 |             |  | Plating, Sheathing, material and thickness                  | 8-6 50 Teak | ✓           |  |
| "   | Angle in Wells                    | ✓           |  | Bridge Deck.  |             |             |  |
| Thickness of Plating abreast Deck openings in way of Wells  |                                   | 6 1/2       | ✓  | Stringer Plate, breadth and thickness                       | 1200 7      | ✓           |  |
| Thickness of Plating abreast Deck openings in way of Bridge |                                   | 6 1/2       | ✓  | Plating, Sheathing, material and thickness                  | 8 50 Teak   | ✓           |  |
| Thickness of Plating within line of openings                |                                   | 6 1/2       | ✓  | Forecastle Deck.  |             |             |  |
| If Sheathed, material and thickness                         |                                   | ✓           |  | Stringer Plate, breadth and thickness                       | ✓           |             |  |
| Second Deck.  |                                   | ✓           |  | Plating, Sheathing, material and thickness                  | 9-6         | ✓           |  |
| Stringer Plate, breadth and thickness in Wells              |                                   | ✓           |  |   |             |             |  |

## SHELL PLATING.

| SCANTLINGS.                         |               |            |            |            | RIVETING.                                      |                  |                   |       |                        |                    |       |                     |                    |
|-------------------------------------|---------------|------------|------------|------------|--|------------------|-------------------|-------|------------------------|--------------------|-------|---------------------|--------------------|
| STRAKES.                            | AS IN VESSEL. |            |            |            | ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED. | EDGES.           |                   |       | BUTTS.                 |                    |       |                     |                    |
|                                     | AMIDSHIPS.    |            | FORWARD.   | AFT.       |  | State if jogged. | RIVETS.           |       | No. of Rows of Rivets. | RIVETS.            |       | STRAPPED OR LAPPED. |                    |
|                                     | Breadth.      | Thickness. | Thickness. | Thickness. |  |                  | SINGLE OR DOUBLE. | Diam. |                        | Spacing cr. to cr. | Diam. |                     | Spacing cr. to cr. |
| Flat Plate Keel                     | 1500          | 12 1/2     | 12 1/2     | 12 1/2     |  | S                | 5/8               | 6g    | ✓                      | E.W.               | ✓     | ✓                   | ✓                  |
| " Dblg. (if any)                    | ✓             |            |            |            |  |                  |                   |       |                        |                    |       |                     |                    |
| Bottom Plating, No. of Strakes      | 2             | 1740       | 8 1/2      | 11 1/2     | 9  |                  | S                 | "     | "                      | ✓                  | E.W.  |                     |                    |
| Bilge Plating, No. of Strakes       | 1             | 1760       | 8 1/2      | 10 1/2     | 8 1/2  |                  | S                 | "     | "                      | ✓                  | E.W.  |                     |                    |
| Side Plating, No. of Strakes        | ✓             | 1180       | 8 1/2      | 10         | 8 1/2  |                  | S                 | "     | "                      | ✓                  | E.W.  |                     |                    |
| Upper Deck, Sheer-strake in Wells   | ✓             | 1490       | 9          | 9          | 8  |                  | S                 | 3/4   | 78                     | ✓                  | E.W.  |                     |                    |
| Upper Deck, Sheer-strake in Bridge  | ✓             | "          | 8 1/2      | ✓          | ✓  |                  | S                 | "     | "                      | ✓                  | E.W.  |                     |                    |
| Strake below Sheer-strake in Wells  | ✓             | 1450       | 8 1/2      | 9          | 8 1/2  |                  | S                 | "     | "                      | ✓                  | E.W.  |                     |                    |
| Strake below Sheer-strake in Bridge | ✓             | "          | 8 1/2      | ✓          | ✓  |                  | S                 | "     | "                      | ✓                  | E.W.  |                     |                    |
| Poop Side Plating                   |               |            |            | 9 1/2-7    |  |                  | S                 | "     | "                      | ✓                  | E.W.  |                     |                    |
| Bridge Side Plating                 |               | 13-8 1/2   | ✓          |            |  |                  | S                 | "     | "                      | ✓                  | E.W.  |                     |                    |
| Forecastle Side Plating             |               |            | 9-6        | ✓          |  |                  | S                 | "     | "                      | ✓                  | E.W.  |                     |                    |

## WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—

6 Extending to Upper Deck (Sec. 3 c) frame: 5/6-23-49-57-67-80

" Deck next below ✓

As per Rule yes

|                                     | Plating Thickness. | STIFFENERS. |          |             |          |
|-------------------------------------|--------------------|-------------|----------|-------------|----------|
|                                     |                    | VERTICAL.   |          | HORIZONTAL. |          |
|                                     |                    | Scantlings. | Spacing. | Scantlings. | Spacing. |
| MIDSHIP BULKH'D, Upper 'tween decks | ✓                  |             |          |             |          |
| " " Second "                        | ✓                  |             |          |             |          |
| " " Third "                         | ✓                  |             |          |             |          |
| " " Holds                           | 49 1/2-8 1/2-7 1/2 | 1100-75-9   | 515/600  | ✓           |          |
| COLLISION " (in Hold)               | 10 1/2-7 1/2       | 1150-75-9   | 610      | ✓           |          |
| AFTER PEAK "                        | 10-13-7 1/2        | 1100-75-10  | 600      | ✓           |          |

## FORGINGS AND CASTINGS.

|   | Casting or Forging. | Scantlings. m. m. | Maker's Name.   | Any Departure from Approved Plans to be Noted. |
|---|---------------------|-------------------|-----------------|--|
| KEEL, Bar   |                     | Flat plate keel   |                 | ✓  |
| STEM  |                     | Soft nose stem    |                 | ✓  |
| STERN FRAME   |                     | Propeller Post    | F 200-92 P.M.F. | 150-100  |
|   |                     | Rudder            | E.W. 17-15-13   | ✓  |
| Speed of Vessel   |                     | < 10 knots        |                 | ✓  |
| RUDDER—Type   |                     | Oert2             |                 | ✓  |
| " A x D   |                     | 95.6              |                 | ✓  |
| " Diam. of head   |                     | F 140             |                 | ✓  |
| " Mainpiece at top pintle                                 |                     | ✓                 |                 |  |
| " " heel  |                     | ✓                 |                 |  |
| " how constructed   |                     | E.W. 15-9         |                 | ✓  |
| " double or single plate coupling, vertical or horizontal |                     | D                 |                 |  |
|   |                     | H                 |                 |  |

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture).  
Kou. Ned. Hoogovens } Colvilles Steel  
Dorman, Lange & Co }

Has the Steel been tested as required by the Rules? yes

Lloyd's Register Foundation

| EQUIPMENT No. 0777     |                   |                    |      |      |                  |      |      |                        |       |      |      | LETTER "J"                   | ANCHORS.               |              |  |
|------------------------|-------------------|--------------------|------|------|------------------|------|------|------------------------|-------|------|------|------------------------------|------------------------|--------------|--|
| 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. |
|                        |                   | Cwts.              | qrs. | lbs. | Cwts.            | qrs. | lbs. | Tons.                  | cwts. | qrs. | lbs. | Cwts.                        |                        |              |  |
| 2423                   | 1st Bower         | 17                 | 0    | 14   | ✓                | ✓    | ✓    | 10                     | 4     | 3    | 0    | 16-3-0 ✓                     | Hall type              | AKS Schiedam | 22-7-52 A.S.                               |
| 2410                   | 2nd "             | 16                 | 2    | 7    | ✓                | ✓    | ✓    | 17                     | 17    | 2    | 0    |                              | "                      | "            | "  |
| 2379                   | 3rd "             | 14                 | 2    | 21   | ✓                | ✓    | ✓    | 16                     | 5     | 3    | 0    |                              | "                      | "            | 7-4-52 KVD                                 |
|                        | Collective weight | 40                 | 1    | 14   | ✓                |      |      |                        |       |      |      | 48-0-0 ✓                     |                        |              |  |
| 2441                   | Stream            | 4                  | 2    | 12   | ✓                | 0    | 23   | 7                      | 0     | 0    | 0    | 4-3-0 px                     | Common Stock           | "            | 30-9-52 KVD                                |

| 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. | Statu-tory.           | Break-ing. | Supplied.              | Per Rule. | Length. | Diam.                         | Length. |                    |                   |  |                 | Ins.                      | Length. |                              | Ins.                          | Length. | Ins. |
| 850                    | 105                       | 1 1/4 | 280                   | 420        | 92-3-15                |           |         |                               |         | studlink           | AKS Schiedam      | 9-2-53 KVD                                 | TOWLINE         | 75                        | 2 1/4   | 15.2                         | 75                            | 2 1/4   |      |
| 088                    | 210                       | "     | "                     | "          | 170-0-24               | 160-0-0   | 210     | 1 1/4                         | "       | "                  | "                 | 26-2-53 "                                  | HAWSERS & WARPS | 90                        | 2 1/4   | 10.8                         | 90                            | 2 1/4   |      |
|                        | 315                       | 1 1/4 |                       |            |                        |           |         |                               |         |                    |                   |  |                 | "                         | 90      | 4                            | Fibre                         | 90      | 4    |
|                        |                           |       |                       |            |                        |           |         |                               |         |                    |                   |  |                 |                           |         |                              |                               |         |      |
| Iron Chain Steel Wire  | 60                        | 3     | ✓                     | 10.6       | ✓                      |           |         | 60                            | 3       | 6x12               | ✓                 |  |                 |                           |         |                              |                               |         |      |
|                        |                           |       |                       |            |                        |           |         |                               |         |                    |                   |  |                 |                           |         |                              |                               |         |      |

Steering Gear, Type (Power or hand) Srenborg. Elec. Hydr. + Handhydr.
Alternative Means of Steering Extra wheel directly coupled to steer.gear. Speaking tube to bridge.

Steering Chains (Size and Test) ✓
Windlass Electric.
Bodewes ✓
Boats 1 wood motor launch 4 " lifeboats

in Holds, thickness and material 50 Teak
Cargo Battens, thickness, material and spacing 50 Teak 230

Hatchways.—(Upper Deck) Two
Thickness of Hatches 6.5

Hatchways No. 1 (Fwd.) 4.10 x 6.05
No. 2 4.10 x 4.40
No. 3 3.70 x 4.40
No. 4 ✓
No. 5 ✓
No. 6 ✓

of Shifting Beams 3
2
2

Fore and Afters 3

Builder's Signature N.V. E. J. SMIT & ZOON

AL 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 ✓  
(b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo no The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point (where required to be inserted in the Notation).  
150°F situated in fuelbunker abaft E.R. and in aftermost d.b.t.s.  
The ship has been built under Special Survey, in conformity with the Society's Rules and Regulations and the Secretary's and Rotterdam letters. The scantlings and arrangements of the ship are as given in the report and as shown and amended on the approved plans now forwarded. All modifications or additions to the original approved arrangements made during construction have been indicated on the plans and have been approved as being in accordance with, or by standards equivalent to the Rule requirements. Copies of the plans as approved and kept up to date by me as regards deviations or alterations which have been approved as being equivalent to the approved arrangements are forwarded herewith.  
The class, steeringgear and auxiliary steeringgear tried to satisfaction. All tanks, W.T. bulkheads and decks tested as required and found tight. The workmanship is good.

The amount of Entry Fee..... f —  
Special Survey Fee..... f 2350-  
Travelling Expenses, if any ..... f 186:-

Fees applied for, 2.5/8-19 53  
Received by me, 19

State whether the Vessel has been built under Special Survey yes.

Certificate to be sent to GRO via ROT Date of issue 17/10/53

Committee's Minute TUESDAY 22 SEP 1953  
Character assigned +100 A1  
Lloyds A & CP.  
+LMC 8.53 Oil Eng.  
OG.

I am of opinion the Vessel should be Classed 100 A1  
Signature [Signature]  
Surveyor to Lloyd's Register of Shipping.

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.)

Sisterships (except minor details): BARLIAN  
BIDURI

PUSPARAGAM  
MUTIARA  
INTAN } Under construction

Plans attached: Midship Section

Longitudinal "

No.

Deck plans.

Rudder & Sternframe

For further plans please see sistership "BARLIAN"

PARTICULARS OF ELECTRIC WELDING (if employed)

Bottom of Shell.

Major parts of: double bottom, motor seating, decks, girders, bulkheads, superstructures, rudder, sternframe

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

Cruiser stern

Partly Elec. Welded

E.S.D.

RADAR Equipment (State if fitted) Not fitted

State Type or Pattern No. ✓

State } Maker ✓  
Name } and/or ✓  
of } Supplier ✓

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

1st Bower 557 kgs G.Z. 3992 Antwerp 7-5-52  
2nd " 560 " " 3987 " " " " " " " "  
3rd " 472 " F.H. 3909 " " 1-2-51

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 42 ft., forward 32.6 ft., Bridge 79.3 ft., Forecastle 10.5 ft.

(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated recessed Poop/Bridge

Official No. ✓ Signal Letters Not known Extreme Breadth over Belting ✓ Over-all Length 192'-0"  
(Circ. 1611) (Circ. 1703)

No. and Material of Decks one steel deck

Parts of Bottom of Vessel coated with cement or approved composition Ballast tanks: bitumastic

Particulars of composition (if fitted) and of approval ✓

PARTICULARS OF WATER BALLAST:—(Comprising all tanks which may be used for Water Ballast. (Circ. 1284)  
(Wells are not to be included in the lengths of the tanks, but Cofferdams and Dry Tanks (if tested) are to be included.)

| Where Fitted.                             | Length.     | Water Capacity. | Where Fitted.   | Length.     | Water Capacity. |
|---|-------------|-----------------|---|-------------|-----------------|
|   | Feet.       | Tons.           |   | Feet.       | Tons.           |
| Double bottom, aft, <u>fr. 22-49</u>      | <u>40.8</u> | <u>30</u>       | Fore peak tank,                                       | <u>12.9</u> | <u>30</u>       |
| Double bottom, under Engines and Boilers, | <u>✓</u>    | <u>✓</u>        | After peak tank,                                      | <u>11.5</u> | <u>20</u>       |
| Double bottom, if under Engines only,     | <u>✓</u>    | <u>✓</u>        | Deep tank, aft,                                       | <u>✓</u>    | <u>✓</u>        |
| Double bottom, if under Boilers only,     | <u>✓</u>    | <u>✓</u>        | Deep tank, forward, <u>midships</u>                   | <u>14.4</u> | <u>126</u>      |
| Double bottom, forward, <u>fr. 57-88</u>  | <u>56.1</u> | <u>80</u>       | Other tanks, if fitted,                               | <u>✓</u>    | <u>✓</u>        |
| Total length (if continuous) and Capacity |             |                 | (If necessary furnish further information by sketch.) |             |                 |

Order for Special Survey No. 194

Date 15-2-52

Dates of Surveys held while building

1952 March 29.

Sept 4

Oct 17-21-28.

Nov. 19-28

Dec. 1-9-18-29.

1953 Jan. 2-9-15-21-28.

Feb. 4-10-18

March 4-11-18

April 2-9-13-16-18-25-29

May 4-8-12-20

June 14-18-24

July 3-10-14-31

Aug. 3-5-13-17-19-20

Total No. of Visits 47

Lloyd's Register Foundation