

## STEEL STEAMER OR MOTORSHIP

WRECK SECTION

21 MAY 1948

State if Report has been sent on the Freeboard of the Vessel YES- 15/4/48.

State if Report is sent on the Machinery of the Vessel YES- NOW.

Date of completion of report

Port of

NEWCASTLE-ON-TYNE

No.

105278

Survey held at HEBURN-ON-TYNE

Date First Survey

11<sup>TH</sup> DECEMBER, 1946

Last Survey

13<sup>TH</sup> MAY

1948

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

MOTOR TANKER

"LABIOSA"

(MACHY. AFT. SINGLE SCREW)

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

FULL SCANTLING.

State Type of Erections

POOP, BRIDGE AND FORECASTLE.

TONNAGE under Tonnage Deck ...

5496.97

Do. of space or spaces between Tonnage Dk. and Upper Dk.

Total

Gross Tonnage

6473.36

Register Tonnage

3604.00

REGISTERED DIMENSIONS. FEET

Length

430.0

Breadth

54.5

Depth

30.75

CLASS # 100 A1

CARRYING PETROLEUM IN BULK

State if with freeboard

No

Condition of Class

FEET

Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a)

L 425.0

Breadth (greatest moulded)

B 54.25

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

D 31.00

1st Longitudinal Number (L x D)

13175

2nd Numeral L x (B + D)

36231

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

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

13.7

Do. Long Bridge to top of keel

Draught Moulded

25.5

Built at HEBURN-ON-TYNE

Launched 26<sup>TH</sup> JAN. 1948

Yard No. 692

Builders R. &amp; W. HANTHORN LESLIE &amp; CO. LD.

Owners ANGLO-SAXON PETROLEUM CO. LD.

Managers

(Where necessary to be entered in Reg. Book)

Residence

Port of Registry LONDON

If surveyed while building, afloat, or in dry dock

BUILDING, AFLOAT &amp; IN DRY DOCK 11.5.48

## 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                                                                                         | 31 3/4              |                                                | Bracket Floors, Frame                                                                                                                                  |                 |                                                |
| " " from 1/2 length amidships to Collision bulkhead                                                               | 27                  |                                                | " " Reversed Frame                                                                                                                                     |                 |                                                |
| " " IN MACHY. SPACE CROSS BUNKER                                                                                  | 26 1/2              |                                                | " " Vertical Struts                                                                                                                                    |                 |                                                |
| " " in peaks                                                                                                      | 24 1/2              |                                                | Centre Girder, depth and thickness amidships                                                                                                           | 10 x 54         | .44                                            |
| SIDE FRAMING.                                                                                                     |                     |                                                | " " top Angles                                                                                                                                         | NONE            | WELDED                                         |
| Frame Amidships, Angle, E or C                                                                                    | 9 3 1/2 375         | SEE ALSO REPORT 1* HEREWITH.                   | " " bottom Angles                                                                                                                                      | DOUBLE          | 4 4 53                                         |
| " " Extends up to                                                                                                 | UPPER DECK          |                                                | Side Girders, No. each side and thickness                                                                                                              | 20 18 10        | .60 .50 .40                                    |
| " " IN MACHY. SPACE                                                                                               | 9 3 1/2 375         |                                                | Margin Plate depth (excl. of flange) and thickness                                                                                                     | No. 8 PLATE     | .51                                            |
| Reversed Frame Amidships, Angle                                                                                   | 9 3 1/2 375         |                                                | " " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem                                                                                       |                 |                                                |
| " " Extends up to                                                                                                 | POOP & UPPER DECK   |                                                | " " Vertical Angle to Tank side Bracket from forward 1/2 len. from stem to Panting Area                                                                |                 |                                                |
| " " ALTERNATE                                                                                                     | ALTERNATELY         |                                                | " " Gussets, spacing and scantling abaft 1/2 len. from stem                                                                                            |                 |                                                |
| Depth of Framing Girder                                                                                           |                     |                                                | " " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area                                                                     |                 |                                                |
| Frames in Uppermost Continuous 'tween Decks, Angle, E or C                                                        | 9 3 1/2 375         |                                                | Tank Side Brackets, height above base line at toe of Frame and thickness                                                                               | 36 x            | .45                                            |
| " " Second 'tween Decks, Angle, E or C                                                                            | 9 3 1/2 375         |                                                | INNER BOTTOM PLATING.                                                                                                                                  |                 |                                                |
| " " Third                                                                                                         |                     |                                                | Breadth and thickness of Middle Line Strake                                                                                                            | 1 1/8           |                                                |
| " " from 1/2 len. for'd. to 15% len. from Stem                                                                    | AS ABOVE            |                                                | Thickness of remainder in Hold                                                                                                                         | .51             |                                                |
| " " in Peaks, Angle or C                                                                                          | 8 3 35              |                                                | 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? | YES             |                                                |
| Diameter and Spacing of Rivets through Frame and Shell Plating amidships                                          | 7/8 @ 4 7/8         |                                                | BEAMS.                                                                                                                                                 |                 |                                                |
| State if Frame Joggled                                                                                            | YES                 |                                                | Uppermost Continuous Deck, amidships in way of Bridge, Angle, E or C                                                                                   | 7 3             | 33 1/4                                         |
| Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?          | YES                 |                                                | " " in way of Bridge, Angle, E or C                                                                                                                    | 7 3             | 33 1/4                                         |
| Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved? | YES                 |                                                | Spacing                                                                                                                                                | 27 24           |                                                |
| SINGLE BOTTOM.                                                                                                    |                     |                                                | Second Deck, amidships, Angle, E or C                                                                                                                  | 7 3             | 33 1/4                                         |
| Floors, Depth and thickness at mid-line in Holds                                                                  |                     |                                                | Spacing                                                                                                                                                | 26 1/2 24       |                                                |
| Height of Brackets at side above base line at toe of frame                                                        |                     |                                                | Third Deck, amidships, Angle, E or C                                                                                                                   | 8 3             | 35                                             |
| Middle Line Keelson, on Floors, Angles, E or C                                                                    |                     |                                                | Spacing                                                                                                                                                | 24              |                                                |
| " " Through Plate or Inter-costal Plate                                                                           |                     |                                                | Fourth Deck, amidships, Angle, E or C                                                                                                                  |                 |                                                |
| " " Foundation Plate on Floors                                                                                    |                     |                                                | Spacing                                                                                                                                                |                 |                                                |
| " " Flat Plate Keel Angles                                                                                        |                     |                                                | POOP DECK, Angle, E or C                                                                                                                               | 7 3             | 33 1/4                                         |
| Side Keelsons, No. each side                                                                                      |                     |                                                | Spacing                                                                                                                                                | 24 & 26 1/4     |                                                |
| " " thickness of Inter-costal Plate                                                                               |                     |                                                | Bridge Deck, Angle, E or C                                                                                                                             | 7 3             | 33                                             |
| " " Angles                                                                                                        |                     |                                                | Spacing                                                                                                                                                | 31 3/4          |                                                |
| DOUBLE BOTTOM. IN MACHY. SPACE                                                                                    |                     |                                                | Forecastle Deck, Angle, E or C                                                                                                                         | 8 3             | 35                                             |
| Solid Floors, thickness and spacing                                                                               | EVERY FRAME 42 & 50 |                                                | Spacing                                                                                                                                                | 27 & 24         |                                                |
| " " Are Frame and Reversed Frame joggled? No. REV. FRAMES                                                         | YES                 |                                                |                                                                                                                                                        |                 |                                                |
| Bracket Floors, breadth and thickness at middle line                                                              | NONE                |                                                |                                                                                                                                                        |                 |                                                |
| " " breadth and thickness at margin plate                                                                         | NONE                |                                                |                                                                                                                                                        |                 |                                                |



# PILLARS AND DECKS.

|                                                             |  | INCHES IN SHIP.     | Any Departure from Approved Plans to be Noted. |                                                             |  | INCHES IN SHIP.    | Any Departure from Approved Plans to be Noted. |
|-------------------------------------------------------------|--|---------------------|------------------------------------------------|-------------------------------------------------------------|--|--------------------|------------------------------------------------|
| PILLARS, No. of Rows                                        |  | 2 LONG. BHDS. 1P 1S | 10' 10" FROM CENTRE                            | Stringer Plate, breadth and thickness in way of Bridge      |  | NONE               | ✓                                              |
| ,, in 'tween Decks, Size and Spacing                        |  |                     |                                                | Thickness of Plating abreast Deck openings in way of Wells  |  | .36                | ✓                                              |
| ,, " " " " " "                                              |  |                     |                                                | Thickness of Plating abreast Deck openings in way of Bridge |  | -                  |                                                |
| ,, in Holds                                                 |  |                     |                                                | Thickness of Plating within line of openings                |  | -                  |                                                |
| ,, " " " " " "                                              |  |                     |                                                | If Sheathed, material and thickness                         |  | NONE               | ✓                                              |
| LONGITUDINAL Centre Line Bulkhead Stiffeners and Spacing    |  | 5 @ 31 3/4          | 9 3 1/2 40 10 3 1/2 40 11 3 1/2 42             | Third Deck. Stringer Plate, breadth and thickness           |  |                    |                                                |
| Plating, thickness of                                       |  |                     | .43                                            | If Plated, state thickness                                  |  |                    |                                                |
| STRINGERS AND DECKS. Uppermost Continuous Deck.             |  |                     |                                                | Fourth Deck. Stringer Plate, breadth and thickness          |  |                    |                                                |
| Stringer Plate, breadth and thickness in Wells              |  |                     | 84 x .62                                       | If Plated, state thickness                                  |  |                    |                                                |
| ,, " " " " in way of Bridge                                 |  |                     | 84 x .75                                       | Poop Deck. Stringer Plate, breadth and thickness            |  | 36 x .36           | ✓                                              |
| ,, Angle in Wells                                           |  |                     | 6 6 .66                                        | Plating, Sheathing, material and thickness                  |  | WOOD R/R           | ✓                                              |
| Thickness of Plating abreast Deck openings in way of Wells  |  |                     | .48 .55 .48                                    | Bridge Deck. Stringer Plate, breadth and thickness          |  | 42 x .42           | ✓                                              |
| Thickness of Plating abreast Deck openings in way of Bridge |  |                     | .48 .55 .48                                    | Plating, Sheathing, material and thickness                  |  | 32 NO SHEATHING    | ✓                                              |
| Thickness of Plating within line of openings                |  |                     | .36 .44 .36                                    | Forecastle Deck. Stringer Plate, breadth and thickness      |  | 36                 | ✓                                              |
| If Sheathed, material and thickness                         |  |                     | NONE                                           | Plating, Sheathing, material and thickness                  |  | 34 .28             | ✓                                              |
| Second Deck. AFT                                            |  |                     |                                                | Plating, Sheathing, material and thickness                  |  | 150 UNDER WINDLASS | ✓                                              |
| Stringer Plate, breadth and thickness in Wells              |  |                     | .38 / .34                                      |                                                             |  |                    |                                                |

## SHELL PLATING.

| SCANTLINGS.                         |               |            |            |            | RIVETING.                                      |                   |         |                        |         |                    |                     |       |                    |
|-------------------------------------|---------------|------------|------------|------------|------------------------------------------------|-------------------|---------|------------------------|---------|--------------------|---------------------|-------|--------------------|
| STRAKES.                            | AS IN VESSEL. |            |            |            | ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED. | EDGES.            |         | BUTTS.                 |         |                    |                     |       |                    |
|                                     | AMIDSHIPS.    |            | FORWARD.   | AFT.       |                                                | SINGLE OR DOUBLE. | RIVETS. | No. OF ROWS OF RIVETS. | RIVETS. |                    | STRAPPED OR LAPPED. |       |                    |
|                                     | Breadth.      | Thickness. | Thickness. | Thickness. |                                                |                   |         |                        | Diam.   | Spacing cr. to cr. |                     | Diam. | Spacing cr. to cr. |
| Flat Plate Keel                     | .55           | .92        | .71        | .76        |                                                | DOUBLE            | 1       | 4                      |         |                    |                     |       |                    |
| ,, Dblg. (if any)                   | NONE          |            |            |            |                                                |                   |         |                        |         |                    |                     |       |                    |
| Bottom Plating, No. of Strakes      | .63           | .48        | .50        | .50        | STEEL FRAME PLATES .62 BOSS " .72              | DOUBLE            | 1/8     | 3 1/2                  |         |                    |                     |       |                    |
| Bilge Plating, No. of Strakes       | .68           | .55        | .50        | .50        |                                                |                   |         |                        |         |                    |                     |       |                    |
| Side Plating, No. of Strakes        | .60           | .46        | .46        | .46        | .48 (E. STRAKE)                                |                   |         |                        |         |                    |                     |       |                    |
| Upper Deck, Sheer-strake in Wells   | .60           | .90        | .50        | .46        |                                                | "                 | 1       | 4                      |         |                    |                     |       |                    |
| Upper Deck, Sheer-strake in Bridge  | 1.08          |            |            |            |                                                | "                 | 1       | 4                      |         |                    |                     |       |                    |
| Strake below Sheer-strake in Wells  | .82           | .70        | .46        | .46        |                                                | "                 | 1/8     | 3 1/2                  |         |                    |                     |       |                    |
| Strake below Sheer-strake in Bridge | .70           |            |            |            |                                                |                   |         |                        |         |                    |                     |       |                    |
| Poop Side Plating                   |               |            | .38        |            |                                                | SINGLE STRAKE     |         |                        |         |                    |                     |       |                    |
| Bridge Side Plating                 | .42           |            |            |            |                                                | "                 | "       |                        |         |                    |                     |       |                    |
| Forecastle Side Plating             |               |            | .42        |            |                                                | SINGLE            | 3/4     | 2 5/8                  |         |                    |                     |       |                    |

## WATERTIGHT BULKHEADS.

|                                        |  |      |
|----------------------------------------|--|------|
| Total No. of W.T. BULKHEADS in Vessel— |  |      |
| Extending to Upper Deck (Sec. 3 c)     |  | 16   |
| ,, Deck next below                     |  | NONE |
| As per Rule                            |  | 7    |

## FORGINGS AND CASTINGS.

|                                                            | Casting or Forging.                           | Scantlings. | Maker's Name. | Any Departure from Approved Plans to be Noted. |
|------------------------------------------------------------|-----------------------------------------------|-------------|---------------|------------------------------------------------|
| KEEL, Bar                                                  | FLAT PLATE                                    |             |               | ✓                                              |
| STEM                                                       | PLATE                                         |             |               | ✓                                              |
| STERN FRAME                                                | Propeller Post CASTING<br>BANK Rudder FORGING |             | AS APPROVED   | ✓                                              |
| Speed of Vessel                                            | 12 KNOTS                                      |             |               | ✓                                              |
| RUDDER—Type                                                | SIMPLEX BALANCED                              |             |               | ✓                                              |
| ,, A x D                                                   | 369                                           |             |               | ✓                                              |
| ,, Diam. of head                                           | 10 1/4                                        |             |               | ✓                                              |
| ,, BACKPOST Mainpiece at top pintle                        | 11 1/4                                        |             |               | ✓                                              |
| ,, heel                                                    | 10 1/4                                        |             |               | ✓                                              |
| ,, how constructed                                         | ELECTRICALLY WELDED                           |             |               | ✓                                              |
| ,, double or single plate coupling, vertical or horizontal | DOUBLE                                        |             |               | ✓                                              |
|                                                            | HORIZONTAL                                    |             |               | ✓                                              |

|                                     | Plating Thickness. | STIFFENERS.      |          |             |                                                      |
|-------------------------------------|--------------------|------------------|----------|-------------|------------------------------------------------------|
|                                     |                    | VERTICAL.        |          | HORIZONTAL. |                                                      |
|                                     |                    | Scantlings.      | Spacing. | Scantlings. | Spacing.                                             |
| MIDSHIP BULKH'D, Upper 'tween decks |                    |                  |          |             |                                                      |
| ,, Second                           |                    |                  |          |             |                                                      |
| ,, Third                            |                    |                  |          |             |                                                      |
| ,, Holds                            |                    |                  |          |             |                                                      |
| COLLISION (in Hold)                 | .30 .36 .46        | 59 x 3 1/2 x .40 | 32 1/2   | 24          | 2 GIRDERS AS APPROVED                                |
| AFTER PEAK                          | .30 .40            | 59 x 3 1/2 x .44 | 32 1/2   | 24          | INT'WEEN DECK PLTG. 32 STIFF 5 x 3 x 360A SPACED 24" |

|        |                                                                                                                                               |  |
|--------|-----------------------------------------------------------------------------------------------------------------------------------------------|--|
| STEEL. | Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture).                         |  |
|        | Consell Iron Co. South Durham Iron Co. Dorman Long & Co. Raine's Steel Co. Camps Flett Iron Co.<br>Kinningrove Iron Co. Steel Co. of Scotland |  |
|        | Has the Steel been tested as required by the Rules? Yes                                                                                       |  |







| Number of Certificate. | Anchors.          | WEIGHT, EX. STOCK. |      |      | WEIGHT OF STOCK. |      |      | TEST, PER CERTIFICATE. |       |      |      | WEIGHT REQUIRED BY TABLE 53.<br>Cwts. | Description of Anchor.         | Makers.      | Where and when tested, and Superintendent. |
|------------------------|-------------------|--------------------|------|------|------------------|------|------|------------------------|-------|------|------|---------------------------------------|--------------------------------|--------------|--------------------------------------------|
|                        |                   | Cwts.              | qrs. | lbs. | Cwts.            | qrs. | lbs. | Tons.                  | cwts. | qrs. | lbs. |                                       |                                |              |                                            |
| 51692                  | 1st Bower         | 65                 | 2    | 21   |                  |      |      | 57                     | 7     | 2    | —    | ✓                                     | BRENS IMPROVED STOCKLESS BOWLS | BEWHL BRYERS | Gold LPHS 19-12-47 J.H.BBS                 |
| 51566                  | 2nd "             | 65                 | 2    | —    |                  |      |      | 51                     | 5     | —    | —    | ✓                                     | Do                             | Do           | Do 17-11-47 H.P.H. BBS                     |
| 51741                  | 3rd "             | 65                 | —    | 21   |                  |      |      | 57                     | 2     | 2    | —    | ✓                                     | Do                             | Do           | Do 6-1-48 J.H.BBS                          |
|                        | Collective weight | 196                | 7    | 14   |                  |      |      |                        |       |      |      | ✓                                     | 194-2-—                        |              |                                            |
| 51684                  | Stream            | 196                | 1    | 21   | 4                | 3    | 27   | 20                     | 6     | 1    | —    | ✓                                     | 19-—-—                         |              |                                            |
|                        |                   |                    |      |      |                  |      |      |                        |       |      |      | ✓                                     | CAST STEEL ROVER               | BEWHL BRYERS | Gold LPHS 17-12-47 J.H.BBS                 |

## 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. |           |         |
|---------------------------------|---------------------------|--------|-----------------------|----------------|------------------------|-----------|-------------------------------|-------|--------------|-------------------|--------------------------------------------|-------------------------|---------------------------|---------|------------------------------|-------------------------------|-----------|---------|
|                                 |                           |        | Statu-<br>tory.       | Break-<br>ing. |                        |           | Length.                       | Diam. |              |                   |                                            |                         | Length.                   | Diam.   |                              | Length.                       | Cir.      | Length. |
|                                 | Length.                   | Diam.  | Tons.                 | Tons.          | Supplied.              | Per Rule. | Fathoms                       | Ins.  |              |                   |                                            |                         | Fathoms                   | Ins.    | Tons.                        | Fathoms                       | Ins.      |         |
| 75501                           | 270                       | 1 7/16 | 96 1/4                | 134 1/2        | 722 1                  | 4         | 720-3                         | 270   | 2 1/4        | STUD LINK         | NOT STATED                                 | LPCH 9-1-48 H. PHILLIPS | TOWLINE                   | SW 120  | 4 3/4                        | 64.6                          | 120       | 4 3/4   |
|                                 |                           |        |                       |                |                        |           |                               |       |              |                   |                                            |                         | HAWSEERS & WARPS          | SW 2x90 | 3 1/4                        | 21.7                          | 2x90      | 2 3/4   |
|                                 |                           |        |                       |                |                        |           |                               |       |              |                   |                                            |                         | "                         | 2x90    | 3                            | 18.6                          | 2x90      | 2 3/4   |
|                                 |                           |        |                       |                |                        |           |                               |       |              |                   |                                            |                         | TOWLINE 6x24 BY FLEM BROS |         |                              |                               | TESTED BY |         |
|                                 |                           |        |                       |                |                        |           |                               |       |              |                   |                                            |                         | HAWSE & WARPS 6x12        |         |                              |                               | 5 MINERS  |         |
|                                 |                           |        |                       |                |                        |           |                               |       |              |                   |                                            |                         | "                         |         |                              |                               | 23-12-48  |         |
| Iron Stream Chain or Steel Wire | 90                        | 5      |                       | 518            |                        |           |                               | 90    | 5            | 6x12              | FLEM BROS                                  | COLD AT MAMEAS 16-1-47  |                           |         |                              |                               |           |         |

STEEL WIRE & BLOCKS OPERATED

Steering Gear, Type (Power or hand) STEAM-HYDRAULIC BY HASTIE & Co. ✓ Alternative Means of Steering BY STEAM WINCHES POOP DECK ✓  
(R WITH MOTORS)

Steering Chains (Size and Test) TELE MOTOR CONTROL ✓ Windlass STEAM (EMERSON WALKER) Boats 24x8x34 2 " OARS ✓

Ceiling in Holds, thickness and material NONE ✓ Cargo Battens, thickness, material and spacing NONE ✓

Cargo Hatchways.—(Upper Deck) 24@4'0" DIA. ON TIGHT. 1 ON FLE IN. TO HOLD 8'0" x 8'0" ✓ Thickness of Hatches <sup>THICK</sup> COGNAMES .75 COVERS .42 ✓

Size of Hatchways No. 1 (Fwd.) \_\_\_\_\_ No. 2 \_\_\_\_\_ No. 3 \_\_\_\_\_ No. 4 \_\_\_\_\_ No. 5 \_\_\_\_\_ No. 6 \_\_\_\_\_

Number of **Shifting Beams**  
and/or **Fore and Afters** } — *Christopher*

*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.* ☒

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

This vessel has been built in conformity with the Society's Rules & Regulations & the Secretary's letters ✓

The scantings & arrangements are in accordance with or equivalent to those shown on the approved plans ✓

The materials & workmanship are good ✓

The weather decks clear of tanks & the W.T. bulkhead along the fore peak tank have been hose tested & found

The cargo tanks, cofferdams, peaks, oil fuel tankers, deep tank forward, lubricating oil tanks, F.W. tanks & double bottom tanks have been tested as required by the Rules & found satisfactory. The requirements of Sect 21 of the Rules where applicable for carriage of oil fuel having a flash point above  $150^{\circ}\text{F}$  have been complied with. The oil fuel is carried in the cross tank forward of the machinery space, in the fore deep tank & in part of the double bottom under the engines.

The windlass, main & auxiliary steering gears & emergency control of steering gear have been tried under working conditions & found satisfactory. The assigned freeboards have been marked on the sides of the vessel, verified, cut in & painted. ✓  
Vessel was examined in dry dock 7<sup>th</sup> - 11<sup>th</sup> May 1948 ✓

SPECIAL SURVEY DURING CONSTRUCTION.

The amount of ~~Entry~~ Fee..... £ 656 - -

FREEBOARD  
~~Special Survey~~ Fee..... £ 30 - -

*Travelling Expenses, if any* ..... £ : :

Fees applied for  
19.....  
Received by me,  
19.....

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

I am of opinion the Vessel should be Classed #100A1  
"CARRYING PETROLEUM IN BULK"

State whether the Vessel has been built under Special Survey YES

Signature A. Hunter  
Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to NEWCASTLE-ON-TYNE Date of issue 30/6/48.

Committee's Minute

Character assigned 710041 Carrying Carrying in back

5,48 hwt.  
Lloyd's A.C.P.

+ LMC 5,48 Oil Eng

C.L.

D.B. 18016. *W*

White hwe.



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.)

SISTER VESSELS "LATIA" HANTHORN LESLIE'S YARD N<sup>o</sup>. 684 N<sup>o</sup>. 103754  
"LAMPAHIA" " " " 690 " " 104516

Copies of the approved plans as per attached list are enclosed. It is specially requested that these plans be returned to Newcastle Office as soon as possible for reference in building a sister vessel.

Reports for sternframe, bulkhead, rudder stock & coupling, upper & lower bearings & main & spare tiller & copy of report on steering gear are enclosed herewith.

This vessel is fitted with a bronze propeller & without zinc anti-corrosion plates.

PARTICULARS OF ELECTRIC WELDING (if employed) Rudder, butts of upper deck, butts of side & bottom shell plating, seams of shell plating in wake of anchors, seams & butts of superstructure decks, side stringers to shell, top & bottom of longitudinal bulkheads to deck & bottom, part of d.b. structure aft, butts of masts & minor items.  
The electric welding has been carried out using electrodes approved for the purpose & in accordance with "Rules for Electric arc welding in Ship Construction"

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book "CARRYING PETROLEUM IN BULK" "LONGITUDINAL FRAMING AT BOTTOM AND DECK" "RUDDER ELECTRICALLY WELDED" "LOYDS A & CP" "CRUISER STERN" "MACHINERY AFT" "SINGLE SCREW" "ECHO SOUNDING DEVICE" "DIRECTION FINDER" "BUTTS OF DECK & SHELL ELECTRICALLY WELDED"

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

1st Bower 37.1.24 JHJ 8946 30.5.47  
2nd " 37.0.20 JHJ 8948 30.5.47  
3rd " 37.0.2 JHJ 8992 13.6.47  
STREAM ANCH. 13.2.26 JHJ 9463 10.12.47

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 88.0 ft., R.Q.D. — ft., Bridge 57.5 ft., Forecastle 50.5 ft.

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

Official No. 181908

Signal Letters GYNT

Extreme Breadth over Belting —

Over-all Length 446'-2" ✓

No. and Material of Decks 1 DECK (STEEL) 2<sup>ND</sup> DECK CLEAR OF CARGO TANKS AND HOLD.

Parts of Bottom of Vessel coated with cement or approved composition —

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.<br>Feet. | SALT<br>Water Capacity.<br>Tons. | Where Fitted.                                             | Length.<br>Feet. | SALT<br>Water Capacity.<br>Tons. |
|------------------------------------------------------------|------------------|----------------------------------|-----------------------------------------------------------|------------------|----------------------------------|
| Double bottom, aft,                                        |                  |                                  | Fore peak tank,                                           |                  | ✓                                |
| Double bottom, under Engines and Boilers (FUEL & LUB. OIL) | 56.9             | 136                              | After peak tank,                                          |                  | 59.0 ✓                           |
| Double bottom, if under Engines only,                      |                  |                                  | Deep tank, aft,                                           |                  |                                  |
| Double bottom, if under Boilers only,                      |                  |                                  | Deep tank, forward,                                       | 24.75 ✓          | 255.6 ✓                          |
| Double bottom, forward, 2 COFFERDAMS                       | 3 FT. EACH       | 249 (TOTAL)                      | Other tanks, if fitted MISCELLANEOUS TANKS IN TWEEN DECKS |                  | 191.1                            |
| Total length (if continuous) and Capacity                  |                  |                                  | (If necessary furnish further information by sketch.)     |                  |                                  |

Order for Special Survey No. 5823

Date 17/1/47

Dates of Surveys held while building

{ 1946 | DEC. 11, 14, 1947 | JAN. 20, 23, 31, FEB. 7, 10, 14, 18, 26, MAR. 13, 20, 28, APR. 16, 21, MAY 1, 6, 14, JUNE 16, 18, 24, 25, 26, 30, JULY 1, 4, 17, 25, 28, 30, AUG. 8, 18, 22, 28, SEPT. 12, 17, 24, 29, OCT. 2, 8, 14, 20, 23, 27, 29, 30, 31, NOV. 4, 14, 17, 18, 19, 20, 21, 24, 26, 27, 28, 29, DEC. 2, 3, 5, 8, 9, 11, 13, 16, 17, 18, 19, 20, 23, 24, 27, 30, 31 | 1948 | JAN. 6, 7, 8, 9, 13, 14, 15, 16, 19, 20, 22, 23, 26, FEB. 5, 9, 11, 19, MAR. 16, 17, 25, APR. 5, 7, 13, 14, 27, 29, MAY 3, 5, 7, 10, 11, 12, 13.

Total No. of Visits 109