

ADMIRALTY  
CASE

Rpt. 1.

# STEEL STEAMER or MOTORSHIP

State if Report has been sent on the Freeboard of the Vessel

No

State if Report is sent on the Machinery of the Vessel

YES.

Received at London Office

DISCLOSED

SECTION

Date of completion of report

15<sup>th</sup> JANUARY 1941.

Port of

HULL

Survey held at

GOOLE.

Date First Survey

29<sup>th</sup>

Last Survey

17<sup>th</sup> JANUARY

19 41

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

SINGLE SCREW M/S. A/S. TRAWLER "MACBETH"

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

FULL SCANTLING

State Type of Erections

FORECASTLE ONLY

TONNAGE under Tonnage Deck

408.14

CLASS 100A - TRAWLER State if with freeboard for GOVERNMENT SERVICE as condition of Class

Built at

GOOLE

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 150'0"

Launched

3<sup>rd</sup> OCTOBER 1940

Yard No. 355

Total

408.14

Breadth (greatest moulded)

B 27'6"

Builders

GOOLE SHIPBUILDING & REPAIRING CO. LTD

Gross Tonnage

452.20

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

D 15'0"

Owners

THE ADMIRALTY.

Register Tonnage

141.93

1st Longitudinal Number (L x D)

=

Managers

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

## REGISTERED DIMENSIONS.

FEET.

Length

153.85

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

=

Residence

LONDON.

Breadth

27.2

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

=

Port of Registry

✓

Depth

14.0

Do. Long Bridge to top of keel

=

If surveyed while building, afloat, or in dry dock

WHILE BUILDING AND AFLOAT.

Draught Moulded

=

## FRAMES, DOUBLE BOTTOM AND BEAMS.

|   | INCHES IN SHIP.                   | Any Departure from Approved Plans to be Noted. |  | INCHES IN SHIP. | Any Departure from Approved Plans to be Noted. |
|---|-----------------------------------|--|--|-----------------|--|
| <b>FRAMES, Spacing amidships</b>  | 22' ✓                             |  | <b>Bracket Floors, Frame</b>   |                 |  |
| " " from $\frac{3}{4}$ length amidships to Collision bulkhead   | 22' ✓                             |  | " " Reversed Frame   |                 |  |
| " " in peaks  | 22' ✓                             |  | " " Vertical Struts  |                 |  |
| <b>SIDE FRAMING.</b>  |                                   |  | <b>Centre Girder, depth and thickness amidships</b>  |                 |  |
| Frame Amidships, Angle, $\frac{1}{4}$   | 5 3 40 ✓                          |  | " " top Angles   |                 |  |
| " " Extends up to   | UPPER DECK ✓                      |  | " " bottom Angles  |                 |  |
| <b>Reversed Frame Amidships, Angle</b>  | ✓                                 |  | <b>Side Girders, No. each side and thickness</b>   |                 |  |
| " " Extends up to   | ✓                                 |  | <b>Margin Plate</b> depth (excl. of flange) and thickness  |                 |  |
| <b>Depth of Framing Girder</b>  | 5' ✓                              |  | " " Vertical Angle to Tank side  |                 |  |
| <b>Frames in Uppermost Continuous 'tween Decks, Angle, [ or ]</b>   |                                   |  | Bracket abaft $\frac{1}{4}$ len. from stem   |                 |  |
| " " Second 'tween Decks, Angle, [ or ]  |                                   |  | " " Vertical Angle to Tank side  |                 |  |
| " " Third " "   |                                   |  | Bracket from forward $\frac{1}{4}$ len. from stem to Panting Area  |                 |  |
| " " from $\frac{1}{4}$ len. for'd. to $\frac{1}{4}$ len. from stem  | L 5 3 46 ✓                        |  | Gussets, spacing and scantling abaft $\frac{1}{4}$ len. from stem  |                 |  |
| " " in Peaks, Angle $\frac{1}{4}$   | L 5 3 34 ✓                        |  | " " Gussets, spacing and scantling from forward $\frac{1}{4}$ len. from stem to Panting Area   |                 |  |
| <b>Diameter and Spacing of Rivets through Frame and Shell Plating amidships</b>                                   | $\frac{3}{4}$ - 5 $\frac{1}{2}$ ✓ |  | <b>Tank Side Brackets, height above base line at toe of Frame and thickness</b>  |                 |  |
| <b>State if Frame Joggled</b>   | No ✓                              |  | <b>INNER BOTTOM PLATING.</b>   |                 |  |
| Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?          | AS APPROVED ✓                     |  | Breadth and thickness of Middle Line Strake  |                 |  |
| Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved? |                                   |  | Thickness of remainder in Holds  |                 |  |
| <b>ANGLE BOTTOM.</b>  |                                   |  | 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? |                 |  |
| Floors, Depth and thickness at mid-line in Holds  | 18' x 40' FLANGED $\frac{3}{4}$ ✓ |  | <b>BEAMS.</b>  |                 |  |
| Height of Brackets at side above base line at toe of frame  | 44' 2" 42' 2" ✓                   |  | <b>Uppermost Continuous Deck, amidships</b>  | 5 3 40 ✓        |  |
| <b>Middle Line Keelson, on Floors, Angles</b>   | 5 3 40-30 ✓                       |  | " " in Way of Bridge, Angle, [ or ]  | ✓               |  |
| " " Through Plate or Intercoastal Plate   | 42 - 38 ✓                         |  | Spacing  | 22' ✓           |  |
| " " Foundation Plate on Floors  | ✓                                 |  | <b>Second Deck, amidships, Angle, [ or ]</b>   | 5 3 35 ✓        |  |
| " " Flat Plate Keel Angles  | 3 3 44-40 ✓                       |  | Spacing  | 22' ✓           |  |
| <b>Double Keelsons, No. each side</b>   | ONE ✓                             |  | <b>Third Deck, amidships, Angle, [ or ]</b>  | 5 3 35 ✓        |  |
| " " thickness of Intercoastal Plate   | ✓                                 |  | Spacing  | 22' ✓           |  |
| " " Angles  | 5 3 50 ✓                          |  | <b>Fourth Deck, amidships, Angle, [ or ]</b>   |                 |  |
| <b>DOUBLE BOTTOM.</b>   |                                   |  | Spacing  |                 |  |
| <b>Solid Floors, thickness and spacing</b>  |                                   |  | <b>Poop Deck, Angle, [ or ]</b>  |                 |  |
| " " Are Frame and Reversed Frame joggled?   |                                   |  | Spacing  |                 |  |
| <b>Bracket Floors, breadth and thickness at middle line</b>   |                                   |  | <b>Bridge Deck, Angle, [ or ]</b>  |                 |  |
| " " breadth and thickness at margin plate   |                                   |  | Spacing  |                 |  |
|   |                                   |  | <b>Forecastle Deck, Angle, [ or ]</b>  | 5 3 32 ✓        |  |
|   |                                   |  | Spacing  | 22' ✓           |  |



## PILLARS AND DECKS.

|   | INCHES IN SHIP.  |         |   | Any Departure from Approved Plans to be Noted. |   | INCHES IN SHIP. |   |  | Any Departure from Approved Plans to be Noted. |
|---|--|---------|---|--|---|-----------------|---|--|--|
| <b>PILLARS, No. of Rows.....</b>                                  |  | ONE ✓   |   |  | Stringer Plate, breadth and thickness in way of Bridge .....      |                 |   |  |  |
| " <i>FORWARD</i> in 'tween Decks, Size and Spacing.....           | 2 3/4  | DIA. 44 | ✓ |  | Thickness of Plating abreast Deck openings in way of Wells .....  |                 |   |  |  |
| " " " " "   |  | ✓       |   |  | Thickness of Plating abreast Deck openings in way of Bridge ..... |                 |   |  |  |
| " in <i>HOLDS CROSS BUNKERS</i> " " "                             | 2 7/8  | DIA. 44 | ✓ |  | Thickness of Plating within line of openings...                   |                 |   |  |  |
| " " " " "   |  |         |   |  | If Sheathed, material and thickness .....                         |                 |   |  |  |
| <b>Centre Line Bulkhead <i>FARNES 14 T 19</i></b>                 | 6  | 3 .34   | ✓ |  | <b>Third Deck.</b>  |                 |   |  |  |
| Stiffeners and Spacing.....                                       | 22' APART  |         | ✓ |  | Stringer Plate, breadth and thickness.....                        |                 |   |  |  |
| Plating, thickness of .....                                       | .26  | ✓       |   |  | 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 in Wells                    | 68 1/2   | x .32   | ✓ |  | If Plated, state thickness .....                                  |                 |   |  |  |
| " " " " in way of Bridge  |  | ✓       |   |  | <b>Poop Deck.</b>   |                 |   |  |  |
| " Angle in Wells .....  | 3  | 3 .38   | ✓ |  | Stringer Plate, breadth and thickness .....                       |                 |   |  |  |
| Thickness of Plating abreast Deck openings in way of Wells .....  | .32  | ✓       |   |  | Plating, Sheathing, material and thickness ...                    |                 |   |  |  |
| Thickness of Plating abreast Deck openings in way of Bridge ..... | ✓  |         |   |  | <b>Bridge Deck.</b>   |                 |   |  |  |
| Thickness of Plating within line of openings...                   | .28  | ✓       |   |  | Stringer Plate, breadth and thickness.....                        |                 |   |  |  |
| If Sheathed, material and thickness .....                         | 2 PLATE BLACK ANASTAS FITTED UNDER UPPER DECK IN LIEU OF WOOD SHEATHING OVER |         | ✓ |  | Plating, Sheathing, material and thickness ...                    |                 |   |  |  |
| <b>LOWER Second Deck. <i>PLATED AT HUNTSBURY</i></b>              |  |         |   |  | <b>Forecastle Deck.</b>   |                 |   |  |  |
| Stringer Plate, breadth and thickness in Wells...                 | .26  | ✓       |   |  | Stringer Plate, breadth and thickness.....                        | .26             | ✓ |  |  |
|   |  |         |   |  | Plating, Sheathing, material and thickness ...                    | .26             | ✓ |  |  |
|   |  |         |   |  | <i>UNDER UNCLASS</i>  | .40             | ✓ |  |  |

## SHELL PLATING.

| SCANTLINGS.  |                      |              |              |              | RIVETING.  |                     |                      |                  |                                  |                           |                  |                                  |                        |
|--|----------------------|--------------|--------------|--------------|--|---------------------|----------------------|------------------|----------------------------------|---------------------------|------------------|----------------------------------|------------------------|
| STRAKES.   | AS IN VESSEL.        |              |              |              | ANY DEPARTURE FROM<br>APPROVED PLANS<br>TO BE NOTED. | EDGES. <i>YES</i> ✓ |                      |                  | BUTTS.                           |                           |                  |                                  |                        |
|  | AMIDSHIPS.           |              | FORWARD.     | AFT.         |  | State if joggled?   | SINGLE OR<br>DOUBLE. | RIVETS.          |                                  | No. OF ROWS<br>OF RIVETS. | RIVETS.          |                                  | STRAPPED OR<br>LAPPED. |
|  | Breadth.             | Thickness.   | Thickness.   | Thickness.   |  |                     |                      | Diam.<br>Inches. | Spacing<br>cr. to cr.<br>Inches. |                           | Diam.<br>Inches. | Spacing<br>cr. to cr.<br>Inches. |                        |
|  | Inches.              | Inches.      | Inches.      | Inches.      |  |                     |                      |                  |                                  |                           |                  |                                  |                        |
| FLAT PLATE KEEL .....  | <i>39½</i> ✓         | <i>.46</i> ✓ | <i>.42</i> ✓ | <i>.42</i> ✓ |  | <i>DOUBLE</i> ✓     | <i>¾</i> ✓           | <i>6 Rows</i> ✓  | <i>TWO</i> ✓                     | <i>¾</i> ✓                | <i>2 5/8</i> ✓   | <i>STRAPS</i> ✓                  |                        |
| " <del>DECK</del> (if any) <i>B</i> <i>66</i> ✓              | <i>66</i> ✓          | <i>.40</i> ✓ | <i>.40</i> ✓ | <i>.40</i> ✓ |  | "                   | "                    | "                | "                                | "                         | "                | <i>LAPS</i> ✓                    |                        |
| BOTTOM PLATING, No. of Strakes ..... <i>2</i>                | <i>C</i> <i>66</i> ✓ | <i>.40</i> ✓ | <i>.40</i> ✓ | <i>.40</i> ✓ |  | "                   | "                    | "                | "                                | "                         | "                | "                                |                        |
| BILGE PLATING, No. of Strakes ..... <i>7</i>                 | <i>D</i> <i>66</i> ✓ | <i>.40</i> ✓ | <i>.40</i> ✓ | <i>.40</i> ✓ |  | "                   | "                    | "                | "                                | "                         | "                | "                                |                        |
| SIDE PLATING, No. of Strakes ..... <i>E</i> <i>67</i> ✓      | <i>E</i> <i>67</i> ✓ | <i>.40</i> ✓ | <i>.40</i> ✓ | <i>.36</i> ✓ |  | "                   | "                    | "                | "                                | "                         | "                | "                                |                        |
| UPPER DECK, Sheer-strake in Wells ..... <i>F</i> <i>57</i> ✓ | <i>F</i> <i>57</i> ✓ | <i>.50</i> ✓ | <i>.43</i> ✓ | <i>.42</i> ✓ |  | "                   | "                    | "                | "                                | "                         | "                | "                                |                        |
| UPPER DECK, Sheer-strake in Bridge ...                       |                      | ✓            |              |              |  |                     |                      |                  |                                  |                           |                  |                                  |                        |
| STRAKE BELOW Sheer-strake in Wells.....                      |                      | ✓            |              |              |  |                     |                      |                  |                                  |                           |                  |                                  |                        |
| STRAKE BELOW Sheer-strake in Bridge ...                      |                      | ✓            |              |              |  |                     |                      |                  |                                  |                           |                  |                                  |                        |
| POOP SIDE PLATING .....                                      |                      | ✓            |              |              |  |                     |                      |                  |                                  |                           |                  |                                  |                        |
| BRIDGE SIDE PLATING ...                                      |                      | ✓            |              |              |  |                     |                      |                  |                                  |                           |                  |                                  |                        |
| FOREC'TLE SIDE PLATING <i>75</i> ✓                           | <i>75</i> ✓          | ✓            | <i>.28</i> ✓ | <i>.50</i> ✓ |  |                     |                      |                  |                                  |                           |                  |                                  |                        |

## WATERTIGHT BULKHEADS.

|  |     |
|--|-----|
| Total No. of W.T. BULKHEADS in Vessel— |     |
| Extending to Upper Deck (Sec. 3 c)     | 7 ✓ |
| „ Deck next below                      | 3   |
| As per Rule                            | 4   |

## FORGINGS and CASTINGS.

|  | Casting or Forging.  | Scantlings.                               | Maker's Name.  | Any Departure from Approved Plans to be Noted. |
|--|----------------------|---|--|--|
| <b>KEEL, Bar</b> .....   |                      | <b>FLAT PLATE KEEL</b> ✓                  |  |  |
| <b>STEM</b> .....  |                      | <b>ROLLED</b> $7\frac{1}{2}$ ✓            | <b>APPLERS FROTHINGHAM.</b> ✓  |  |
| <b>STERN FRAME</b> {   | Propeller Post ..... | <b>CAST STEEL</b> $3\frac{1}{2}$ ✓        | <b>AS APPROVED BY CATTON &amp; CO. LEEDS.</b>  |  |
|  | Rudder " .....       | <b>3035</b> ✓                             | <b>THICK OF <math>\frac{1}{2}</math> THICK PLATES OF WELDED CONSTRUCTION BY GOOLE &amp; CO. GOOLE.</b> ✓ |  |
| <b>Speed of Vessel</b> .....   |                      |   |  |  |
| <b>RUDDER—Type</b> .....   |                      | <b>SPADE RUDDER</b> ✓                     |  |  |
| " A x D .....  |                      |   |  |  |
| " Diam. of head .....  |                      | <b>CAST STEEL</b> $7\frac{1}{2}$ ✓        | <b>STEWART &amp; LLOYD'S L'</b>  |  |
| " Mainpiece at top pintle .....  |                      | " $9\frac{1}{2}$ ✓                        | <b>CANTARIDGE.</b>   |  |
| " " heel ...   |                      | " $6\frac{1}{2}$ ✓                        |  |  |
| " how constructed .....  |                      | <b>CAST STEEL FRAME WITH SIDE PLATES.</b> |  |  |
| " double $\leftrightarrow$ single plate coupling, vertical or horizontal ..... |                      | <b>32</b> ✓                               |  |  |

STEEL. Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)  
Thomas Lough, Appleby Frodingham Steel Co, Rossett Iron Co, Skidmore Grove Iron Co, Colville's Ltd

Has the Steel been tested as required by the Rules? **Yes.**







GENERAL REMARKS—(The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans showing Vessel as built should be forwarded and a List of the Plans should be embodied.)

The approved plan an being retained for dealing with sister vessel at present under construction. Copies for reference are in London office.  
This vessel is a sister ship to the "OPHELIA" FE. report Hull No 50967.

PARTICULARS OF ELECTRIC WELDING (if employed)

Lower deck plating electrically welded to ship's side. The propeller post formed of cast steel bon and plates 7/8 thick of welded construction.  
(As approved.)

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

100A - TRAWLER "FOR GOVERNMENT SERVICE"

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

1st Bower

2nd "

3rd "

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ft., R.Q.D. ft., Bridge ft., Forecastle 26.8 ft.  
(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated

Official No. Signal Letters Extreme Breadth over Belting (Circ. 1611) Over-all Length 163.11 ft.  
No. and Material of Decks 100K STEEL. (Circ. 1703) 164.3 OVER DEPTH CHARGE RAILS.

Parts of Bottom of Vessel coated with cement or approved composition Iron and side bunkers and fresh water tank.

Particulars of composition (if fitted) and of approval Bitumastic enamel in bunkers, bitum solution in F.W. Tank.

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. | Water Capacity.<br>Tons. | Where Fitted.  | Length.<br>Feet. | Water Capacity.<br>Tons. |
|---|------------------|--------------------------|--|------------------|--------------------------|
| Double bottom, aft,                       |                  |                          | Fore peak tank,  |                  |                          |
| Double bottom, under Engines and Boilers, |                  |                          | After peak tank,                                       |                  |                          |
| Double bottom, if under Engines only,     |                  |                          | Deep tank, aft,  |                  |                          |
| Double bottom, if under Boilers only,     |                  |                          | Deep tank, forward,                                    |                  |                          |
| Double bottom, forward,                   |                  |                          | Other tanks, if fitted,                                |                  |                          |
| Total length (if continuous) and Capacity |                  |                          | (If necessary, furnish further information by sketch.) |                  |                          |

Order for Special Survey No. 3207.

Date

34 40.

Dates of Surveys held while building

1939 Dec. 29. 1940 Jan. 9, 12, 23, 29, Feb. 8, 19, 28, Mar. 7, 13, 18, 26, Apr. 3, 8, 10, 16, 19, 25, May. 8, 14, 23, 27, 30, June 4, 7, 13, 14, 19, 24, 26, 28, July 5, 5, 12, 19, 22, 26, 31, Aug. 2, 4, 9, 15, 19, 20, 22, 26, 28, Sept. 2, 6, 13, 18, 20, 24, 26, 30, Oct. 3, 4, 10, 15, 17, 18, 24, 28, Nov. 1, 5, 12, 15, 19, 25, 27, 29, Dec. 4, 9, 15, 16, 30, 23, 30, 1941 Jan. 3, 7, 9, 13, 14.

Total No. of Visits

84.