

## STEEL STEAMER OR MOTORSHIP.

Received at London Office

30 APR 1948

State if Report has been sent on the Freeboard of the Vessel **YES.**State if Report is sent on the Machinery of the Vessel **YES - NOW**

Date of completion of report

Port of **NEWCASTLE-ON-TYNE**No. **105222**Survey held at **BLYTH**Date First Survey **4<sup>TH</sup> MARCH 1948**Last Survey **24<sup>TH</sup> MARCH**

1948

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) **SINGLE SCREW STEAMER "FREEMAN HATCH"**

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

**FULL SCANTLING.**State Type of Erections **POOP, BRIDGE & FOCE.**TONNAGE under Tonnage Deck ... **1486**CLASS **100 A1**State if with freeboard as condition of Class **NO.**Built at **STURGEON BAY, WISCONSIN, U.S.A.**

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 250.0**Launched **—** Yard No. **271.**Breadth (greatest moulded) **B 42.08**Builders **LEATHAM SMITH SHIPBUILDING CO.**Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) **D 20.42**Owners **MINISTRY OF TRANSPORT ON BARE BOAT CHARTER FROM U.S.M.C.**1st Longitudinal Number (L x D) **5105**Managers **WM. CORY & SON, L.P.**2nd Numeral L x (B + D) **15625**

(Where necessary to be entered in Reg. Book)

Framing Depth "d," at middle of length. See Sec. 3 (1d) **17.58**

Residence

Proportions—Depth to Length—Uppermost continuous deck to top of keel **12.25**Port of Registry **LONDON**Do. Long Bridge to top of keel **8.78**

If surveyed while building, afloat, or in dry dock

Draught Moulded **17'-11 1/2"****AFLOAT & IN DRY DOCK.**

## REGISTERED DIMENSIONS.

FEET

Length **250.4**Breadth **42.1**Depth **18.4**

## 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   | 27 ✓                                    |  | Bracket Floors, Frame  |                     |  |
| " " from 1/2 length amidships to Collision bulkhead   | 27 ✓                                    |  | " " Reversed Frame   |                     |  |
| " " in peaks  | 24 ✓                                    |  | " " Vertical Struts  |                     |  |
| SIDE FRAMING.   |   |  | Centre Girder, depth and thickness amidships   | 34" x 40" ✓         |  |
| Frame Amidships, Angle, <b>E-F TOE WELDED</b>   | 7 x 4 x 44 ✓                            |  | " " top Angles   | WELDED TO T.T.      |  |
| " " Extends up to   | UPPER DW. ✓                             |  | " " bottom Angles  | WELDED TO KEEL      |  |
| Reversed Frame Amidships, Angle   | NONE                                    |  | Side Girders, No. each side and thickness  | ONE @ .31 ✓         |  |
| " " Extends up to   |   |  | Margin Plate <b>WIDTH [TANK TOP HORIZ. TO SHELL] (excl. of flange) and thickness</b>   | 46" x 40" ✓         |  |
| Depth of Framing Girder   | 7 ✓                                     |  | " " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem   | WELDED DIRECT       |  |
| Frames in <b>BRIDGE</b> Uppermost Continuous 'tween Decks, Angle, <b>E-F TOE WELDED</b>                           | 5 x 3 1/2 x 30 ✓                        |  | " " Vertical Angle to Tank side Bracket from forward 1/2 len. from stem to Panting Area  | DO.                 |  |
| " " Second 'tween Decks, Angle, <b>E or F</b>   |   |  | " " Gussets, spacing and scantling abaft 1/2 len. from stem  | NO GUSSETS          |  |
| " " Third " " " "   |   |  | " " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area   | DO.                 |  |
| " " from 1/2 len. for'd. to 15% len. from Stem <b>O.A. TOE WELDED AFT PEAK</b>                                    | 8 x 4 x 44 ✓                            |  | Tank Side Brackets, height above base line at toe of Frame and thickness   | 4'6" x 44" - 4'6" ✓ |  |
| " " in Peaks, Angle <b>E-F TOE WELDED</b>   | 5 x 3 1/2 x 30 ✓                        |  |  |                     |  |
| Diameter and Spacing of Rivets through Frame and Shell Plating amidships  | 6 x 4 x 38 ✓                            |  | INNER BOTTOM PLATING.  |                     |  |
| State if Frame Joggled  | NO.                                     |  | Breadth and thickness of Middle Line Strake  | 46" x 40            |  |
| Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?          | AS APPROVED NO STRINGERS IN FORE HOLD ✓ |  | Thickness of remainder in Holds  | .34                 |  |
| Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved? | YES. ✓                                  |  | 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.                |  |
| SINGLE BOTTOM.  |   |  | BEAMS.   |                     |  |
| Floors, Depth and thickness at mid-line in Holds  |   |  | Uppermost Continuous Deck, amidships in Wells, Angle, <b>E-F</b>   | 5 x 3 1/2 x 30 ✓    | O.A. TOE WELDED TO DECK                        |
| Height of Brackets at side above base line at toe of frame  |   |  | " " in way of Bridge, Angle, <b>E-F</b>  | 7 x 4 x 44 ✓        |  |
| Middle Line Keelson, on Floors, Angles, <b>E or F</b>   |   |  | " " Spacing  | 27                  |  |
| " " Through Plate or Inter-costal Plate   |   |  | Second Deck, amidships, Angle, <b>E or F</b>   |                     |  |
| " " Foundation Plate on Floors  |   |  | Spacing  |                     |  |
| " " Flat Plate Keel Angles  |   |  | Third Deck, amidships, Angle, <b>E or F</b>  |                     |  |
| Side Keelsons, No. each side  |   |  | Spacing  |                     |  |
| " " thickness of Inter-costal Plate   |   |  | Fourth Deck, amidships, Angle, <b>E or F</b>   |                     |  |
| " " Angles  |   |  | Spacing  |                     |  |
| DOUBLE BOTTOM.  |   |  | Poop Deck, Angle, <b>E-F TOE WELDED</b>  | 5 x 3 1/2 x 30 ✓    |  |
| Solid Floors, thickness and spacing   | .31 @ 27 ✓                              |  | Spacing  | 27 & 24             |  |
| " " Are Frame and Reversed Frame joggled?   | NO                                      |  | Bridge Deck, Angle, <b>E-F TOE WELDED</b>  | 6 x 4 x 38          |  |
| Bracket Floors, breadth and thickness at middle line  |   |  | Spacing  | 5 x 3 1/2 x 30      |  |
| " " breadth and thickness at margin plate   |   |  | Forecastle Deck, Angle, <b>E-F TOE WELDED</b>  | 6 x 4 x 38          |  |
|   |   |  | Spacing  | 5 x 3 1/2 x 30      |  |
|   |   |  |  | 4 x 3 x 25          |  |
|   |   |  |  | 27 & 24             |  |

## 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  | ONE  |  |                 |  |
| " in 'tween Decks, Size and Spacing                         |  |  |                 |  |
| " " " " "   |  |  |                 |  |
| " in Holds  | 1 @ 14" DIA. 75" ON FR. 84" IN FWD. HOLD.  |  |                 |  |
| " " " " "   | 1 @ 12 3/4" DIA. 50" ON FR. 66" FWD. HOLD. |  |                 |  |
| " " " " "   | 1 @ 14" DIA. 56" ON FR. 24" IN AFT. HOLD.  |  |                 |  |
| Centre Line Bulkhead.                                       | NO C.L. 8 HDS.                             |  |                 |  |
| Stiffeners and Spacing                                      |  |  |                 |  |
| Plating, thickness of                                       |  |  |                 |  |
| STRINGERS AND DECKS.  |  |  |                 |  |
| Uppermost Continuous Deck.                                  |  |  |                 |  |
| Stringer Plate, breadth and thickness in Wells              | 41 x .60 75 @ BREAK                        |  |                 |  |
| " " " " in way of Bridge                                    | 41 x .50                                   |  |                 |  |
| " Angle in Wells  | WELDED TO SHELL                            |  |                 |  |
| Thickness of Plating abreast Deck openings in way of Wells  | .50  |  |                 |  |
| Thickness of Plating abreast Deck openings in way of Bridge | .34 x .50                                  |  |                 |  |
| Thickness of Plating within line of openings                | .31  |  |                 |  |
| If Sheathed, material and thickness                         | NO SHEATHING.                              |  |                 |  |
| Second Deck.  |  |  |                 |  |
| Stringer Plate, breadth and thickness in Wells              |  |  |                 |  |
| Stringer Plate, breadth and thickness in way of Bridge      |  |  |                 |  |
| Thickness of Plating abreast Deck openings in way of Wells  |  |  |                 |  |
| Thickness of Plating abreast Deck openings in way of Bridge |  |  |                 |  |
| Thickness of Plating within line of openings                |  |  |                 |  |
| If Sheathed, material and thickness                         |  |  |                 |  |
| Third Deck.   |  |  |                 |  |
| Stringer Plate, breadth and thickness                       |  |  |                 |  |
| If Plated, state thickness                                  |  |  |                 |  |
| Fourth Deck.  |  |  |                 |  |
| Stringer Plate, breadth and thickness                       |  |  |                 |  |
| If Plated, state thickness                                  |  |  |                 |  |
| Poop Deck.  |  |  |                 |  |
| Stringer Plate, breadth and thickness                       |  |  |                 |  |
| Plating, Sheathing, material and thickness                  |  |  |                 |  |
| Bridge Deck.  |  |  |                 |  |
| Stringer Plate, breadth and thickness                       |  |  |                 |  |
| Plating, Sheathing, material and thickness                  |  |  |                 |  |
| Forecastle Deck.  |  |  |                 |  |
| Stringer Plate, breadth and thickness                       |  |  |                 |  |
| Plating, Sheathing, material and thickness                  |  |  |                 |  |

## SHELL PLATING.

| AS IN VESSEL.                              |            |            |            |         | ANY DEPARTURE FROM<br>APPROVED PLANS<br>TO BE NOTED. | EDGES.           |     |        | RIVETING.             |                           |         |                       |                        |
|--|------------|------------|------------|---------|--|------------------|-----|--------|-----------------------|---------------------------|---------|-----------------------|------------------------|
| AMIDSHIPS.                                 |            |            |            | AFT.    |  | State if jogged? | No. | BUTTS. |                       | No. of ROWS<br>OF RIVETS. | RIVETS. |                       | STRAPPED OR<br>LAPPED. |
| Breadth.                                   | Thickness. | Thickness. | Thickness. |         |  |                  |     | Diam.  | Spacing<br>cr. to cr. |                           | Diam.   | Spacing<br>cr. to cr. |                        |
| STRAKES.                                   | Inches.    | Inches.    | Inches.    | Inches. |  |                  |     |        |                       |                           |         |                       |                        |
| Flat Plate Keel.....                       | 46         | .56        | .56        | .56     |  |                  |     |        |                       |                           |         |                       |                        |
| „ Dblg. (if any)                           |            |            |            |         |  |                  |     |        |                       |                           |         |                       |                        |
| Bottom Plating, No. of<br>Strakes          | 88         | .47        | .53        | .44     |  |                  |     |        |                       |                           |         |                       |                        |
| Bilge Plating, No. of<br>Strakes           | 75         | .47        | .47        | .44     |  |                  |     |        |                       |                           |         |                       |                        |
| Side Plating, No. of<br>Strakes            | 82         | .47        | .44        | .44     |  |                  |     |        |                       |                           |         |                       |                        |
| Upper Deck, Sheer-<br>strake in Wells..... | 69         | .61        | .38        | .38     |  |                  |     |        |                       |                           |         |                       |                        |
| Upper Deck, Sheer-<br>strake in Bridge     | 69         | .47        | .81        | .81     |  |                  |     |        |                       |                           |         |                       |                        |
| Strake below Sheer-<br>strake in Wells     | 60         | .47        | .44        | .44     |  |                  |     |        |                       |                           |         |                       |                        |
| Strake below Sheer-<br>strake in Bridge    | 60         | .47        | .47        | .47     |  |                  |     |        |                       |                           |         |                       |                        |
| Poop Side Plating.....                     |            |            |            | .31     |  |                  |     |        |                       |                           |         |                       |                        |
| Bridge Side Plating....                    | 37         | .46        | .58        | .58     |  |                  |     |        |                       |                           |         |                       |                        |
| Forecastle Side Plating                    | 56 3/4     | .46        | .54        | .54     |  |                  |     |        |                       |                           |         |                       |                        |
|  |            |            | .33        |         |  |                  |     |        |                       |                           |         |                       |                        |

53" AT POST

ALL SEAMS & BUTTS WELDED / NO OVERLAPS.

PLATED VERTICALLY  
DECK TO DECK.

PLATED VERTICALLY  
DECK TO DECK.

## WATERTIGHT BULKHEADS.

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

## STIFFENERS.

|                                     | Plating Thickness. | VERTICAL.   |          |                      |          | HORIZONTAL. |          |             |          |
|-------------------------------------|--------------------|-------------|----------|----------------------|----------|-------------|----------|-------------|----------|
|                                     |                    | Scantlings. | Spacing. | Scantlings.          | Spacing. | Scantlings. | Spacing. | Scantlings. | Spacing. |
| MIDSHIP BULKH'D, Upper 'tween decks |                    |             |          |                      |          |             |          |             |          |
| " " Second                          |                    |             |          |                      |          |             |          |             |          |
| " " Third                           |                    |             |          |                      |          |             |          |             |          |
| " " Holds                           | 42                 | .44         | .45      | 7x4x38 3A TOE WELDED | 30       |             |          |             |          |
| COLLISION (in Hold)                 | 38                 | .31         | .31      | 5x3x42 3A 6x3x48 3A  | 24       |             |          |             |          |
| AFTER PEAK                          | 68                 | .31         | .31      | 7x4x38 3A 3x2x28 7A  | 24       |             |          |             |          |

## FORGINGS AND CASTINGS.

|   | Castings or Forgings. | Scantlings. | Maker's Name. | Any Departure from Approved Plans to be Noted. |
|---|-----------------------|-------------|---------------|--|
| KEEL, Bar   | ROLLED U.S. STEEL     | 7 1/8 x 2"  |               |  |
| STEM  | CAST STEEL            |             |               |  |
| STERN FRAME   | FORGED STEEL          |             |               |  |
| Speed of Vessel   | 11 KNOTS.             |             |               |  |
| RUDDER—Type   | SEMI-BALANCED.        |             |               |  |
| " A x D   | 78.6 x 1.54 = 121.    |             |               |  |
| " Diam. of head   | 6 1/2                 |             |               |  |
| " Mainpiece at top pintle (SEAMLESS TUBE)                 | 8 1/2                 |             |               |  |
| " " heel  | 6                     |             |               |  |
| " how constructed   | ELECT. WELDED.        |             |               |  |
| " double or single plate coupling, vertical or horizontal | DOUBLE 7 1/8"         |             |               |  |

## STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture).

Has the Steel been tested as required by the Rules?

## EQUIPMENT No. 16519

## LETTER 9

## ANCHORS.

| Number of Certificate. | Anchor.           | Weight, Ex. Stock. | Weight of Stock. | Test, Per Certificate. | Weight Required by Table 53. | Description of Anchor. | Makers.                             | Where and when tested, and Superintendent. |
|------------------------|-------------------|--------------------|------------------|------------------------|------------------------------|------------------------|-------------------------------------|--|
| P-9199                 | 1st Bower         | 36 3 14            | 33 16 2 17       | 33 16 2 17             | 33                           | BALOT STOCKLESS        | BALOT ANCHOR CO. CHESTER PA. U.S.A. | 23.6.42 J.F.M.                             |
| P-9196                 | 2nd "             | 36 3 14            | 33 16 2 17       | 33 16 2 17             | 33                           | Do.                    | Do.                                 | 23.6.42 J.F.M.                             |
| P-11539                | 3rd "             | 31 1 20            | 29 14 2 11       | 29 14 2 11             | 29                           | Do.                    | Do.                                 | 19.1.43 J.F.M.                             |
| P-11543                | Collective weight | 105 0 20           | 16 13 0 14       | 16 13 0 14             | 94                           | Do.                    | Do.                                 | 19.1.43 J.F.M.                             |

## 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. |
|------------------------|---------------------------|-----------------------|------------------------|-------------------------------|--------------|---|--|----------------|---------------------------|------------------------------|-------------------------------|
| 36307                  | 240 1 1/2                 | 59 82.75              | 275 1 17               | 276                           | 240 1 1/2    | CAST STEEL S.L. (THE NATIONAL MALLEABLE & STEEL CASTING CO. SHARON PA.) | 25.11.42 J.R.S.                            | TOWLINE        | 180 4 1/2                 | 90 3 1/2                     | 90 3 1/2                      |
|                        |                           |                       |                        |                               |              |   |  | HAWERS & WARPS | 60 90 2 1/2               | 20 90 2 1/4                  | 20 90 2 1/4                   |
|                        |                           |                       |                        |                               |              |   |  |                | 60 3 1/2                  | 20 90 1 3/4                  | 20 90 1 3/4                   |

## HAWERS AND WARPS.

|   |   |  |  |
|---|---|--|--|
| Steering Gear, Type (Power or hand)             | STEAM BY AMERICAN HOIST & DERRICK CO. ST. PAUL MINN. U.S.A. | Alternative Means of Steering                  | HAND CONTROL AT GEAR & EMERGENCY TACKLE TO POOP DECK WINCHES.              |
| Steering Chains (Size and Test)                 | NO CHAINS - TELEMOTE CONTROL FROM BRIDGE.                   | STEAM BY AMERICAN HOIST & DERRICK CO.          | 2 WOOD BOATS EACH FOR 34 PERSONS. 1 BOAT FITTED WITH MOTOR 1. WOOD BINAHY. |
| Ceiling in Holds, thickness and material        | 2 3/4" DOUGLAS FIR IN LINE OF HATCHES.                      | Cargo Battens, thickness, material and spacing | NO CARGO BATTENS   |
| Cargo Hatchways.—(Upper Deck)                   | OF STEEL PLATES & ANGLES.                                   | Thickness of Hatches                           | 2 5/8" WOOD.   |
| Size of Hatchways No. 1 (Fwd.)                  | 31'6" x 21'0"   | No. 2  | 34'3" x 21'0"  |
| No. 3   | 27'0" x 21'0"   | No. 4  | 27'0" x 21'0"  |
| No. 5   | 27'0" x 21'0"   | No. 6  |  |
| Number of Shifting Beams and/or Fore and Afters | 5   | 5  | 4  |

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. **NO.**  
 (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).

This vessel was built in accordance with the Rules and regulations of the American Bureau of Shipping

The vessel has been examined throughout, afloat and in drydock and the hullings and arrangements found to be in agreement with the plans approved for sister vessels.

The workmanship and condition of this ship are satisfactory vessel undocked on the 20<sup>th</sup> March 1948.

The assigned purveys have been marked on the ship's side, verified, cut in and painted.

|                                    |                   |
|------------------------------------|-------------------|
| The amount of Entry Fee..... £     | Fees applied for, |
| Inclusive Fee..... £ 120 0 0       | 19.               |
| Special Survey Fee..... £          | Received by me,   |
| Travelling Expenses, if any..... £ | 19.               |

(Special notations, where part of class, to be stated.)  
 (Cargo battens not fitted).

I am of opinion the Vessel should be Classed 100 A1.

State whether the Vessel has been built under Special Survey **NO.**Certificate to be sent to **hereafter on file.** Date of issue **16/48**Committee's Minute **FRI. 28 MAY 1948**Character assigned **100 A1**

3.48 Bly.  
 S.S. Bly - 3.48  
 Classed 3.48

LMC 3.48 Subject  
 E.D.

2 WTB 25016 (Spl 22016)

Note Own  
 " here (fwd)

Note for S.R.L.

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Lloyd's Register Foundation

0164 2

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.)

PARTICULARS OF ELECTRIC WELDING (if employed)

This ship is electrically welded throughout.

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

E.S.D / ELECTRICALLY WELDED / CARGO BATTENS NOT FITTED.

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 22 ft., R.Q.D. — ft., Bridge 70 ft., Forecastle 26 ft.

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

Official No. 168494 Signal Letters BKSS. Extreme Breadth over Belting 42'-2" Over-all Length 258'-9"

No. and Material of Decks ONE DECK - STEEL

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

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. |
|---|---------|-----------------|---|---------------|-----------------|
| Double bottom, aft,                       | 74.25   | 147.4           | Fore peak tank,                                       | UPPER & LOWER | 73.8            |
| Double bottom, under Engines and Boilers, | 33.75   | 100.0           | After peak tank,                                      |               | 40.8            |
| Double bottom, if under Engines only,     | /       |                 | Deep tank, aft,                                       |               |                 |
| Double bottom, if under Boilers only,     | /       |                 | Deep tank, forward,                                   |               |                 |
| Double bottom, forward,                   | 101.25  | 245.2           | Other tanks, if fitted,                               |               |                 |
| Total length (if continuous) and Capacity | 209.25  | 492.6           | (If necessary furnish further information by sketch.) |               |                 |

Order for Special Survey No.

Date

Dates of Surveys held while building

1948 MAR. 4, 8, 9, 10, 11, 12, 15, 24



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Total No. of Visits 8