

Rpt. 1
DISCLOSED
SECTION
No. 826 B

STEEL STEAMER OR MOTORSHIP

DISCLOSED

SECTION

No. 826 B

No. 156869

PETROLEUM TANK BARGE

State if Report has been sent on the Freeboard of the Vessel NONE.

State if Report is sent on the Machinery of the Vessel NONE.

14/11/57.

Port of LONDON.

Date of completion of report

Survey held at DARTFORD Date First Survey 7/6/57.

Last Survey 13/11/1957.

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) DUMB SWIM BARGE "STONERULE".

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) A1 Swim Barge Carrying Petroleum in Portable Tanks for "River & Estuary Service". State Type of Erections NONE.

TONNAGE under Tonnage Deck ...
Do. of space or spaces between Tonnage Dk. and Upper Dk.
Total
Gross Tonnage
Register Tonnage 96.5.

REGISTERED DIMENSIONS.

length
breadth
depth

CLASS A1 & Notation. Electrically Welded.
Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) 87'-0".
Breadth (greatest moulded) 22'-3".
Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) 8'-0".
1st Longitudinal Number (L x D) 87 x 22.
2nd Numeral L x (B + D) 87 x 24.
Framing Depth "d," at middle of length. See Sec. 3 (1d) 18".
Proportions—Depth to Length—Uppermost continuous deck to top of keel 1 to 10.875.
Do. Long Bridge to top of keel 1 to 10.875.
Draught Moulded 8'-0".

Built at DARTFORD.
Launched 9/11/57 Yard No. 112.
Builders Charrington, Gardner, Locket, (London), Ltd.
Owners Cory Tank Lighterage, Ltd.
Managers (Where necessary to be entered in Reg. Book)
Residence (Where necessary to be entered in Reg. Book)
Port of Registry LONDON.
If surveyed while building, afloat, or in dry dock Building & Afloat.

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 | 15" | / | Bracket Floors, Frame | - |
| " " from length amidships to Collision bulkhead | 21" | / | " " Reversed Frame | - |
| " " in peaks Swims | 21" | / | " " Vertical Struts | - |
| SIDE FRAMING. | | | Centre Girder, depth and thickness amidships | - |
| Frame Amidships, Angle | 5 3 3/8 | / | " " top Angles | - |
| " Extends up to Deck | | / | " " bottom Angles | - |
| Reversed Frame Amidships, Angle | - - - | | Side Girders, No. each side and thickness | - |
| " Extends up to | - - - | | Margin Plate depth (excl. of flange) and thickness | - |
| Depth of Framing Girder | 5" | / | " " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem | - |
| Frames in Uppermost Continuous 'tween Decks, Angle, [or] | - - - | | " " Vertical Angle to Tank side Bracket from forward 1/2 len. from stem to Panting Area | - |
| " " Second 'tween Decks, Angle, [or] | - - - | | " " Gussets, spacing and scantling abaft 1/2 len. from stem | - |
| " " Third " " " " | - - - | | " " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area | - |
| " from 1/2 len. for'd. to 15% len. from Stem Swims | - - - | | Tank Side Brackets, height above base line at toe of Frame and thickness | - |
| " in Peaks, Angle or [| 5 3 3/8 | / | INNER BOTTOM PLATING. | |
| Diameter and Spacing of Rivets through Frame and Shell Plating amidships | - - - | FW | Breadth and thickness of Middle Line Strake | - |
| State if Frame Joggled | N O. | / | Thickness of remainder in Holds | - |
| Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved? | - - - | | Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & B. space and framing in Bunkers and Boiler Room? | - |
| Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved? | - - - | | BEAMS. | |
| SINGLE BOTTOM. | | | Uppermost Continuous Deck, amidships in Flanged Brackets Wells, Angle, [or] | 21 15 3 |
| Floors, Depth and thickness at mid-line in Holds | 6 3 3/8 | / | " " in way of Bridge, Angle, [or] In Swims | 42 5 3/8 |
| Height of Brackets at side above base line at toe of frame Bulb | 5 3 5/16 | 15 | Spacing | |
| Middle Line Keelson, on Floors, Angle | 5 1/2 FB 3/8 | / | Second Deck, amidships, Angle, [or] | - |
| " " " Through Plate or Inter-costal Plate | - - - | | Spacing | - |
| " " " Foundation Plate on Floors | - - - | | Third Deck, amidships, Angle, [or] | - |
| " " " Flat Plate Keel Angles | - - - | | Spacing | - |
| Side Keelsons, No. each side TWO | 6 3 3/8 | / | Fourth Deck, amidships, Angle, [or] | - |
| " " thickness of Inter-costal Plate | - - - | 3/8 | Spacing | - |
| " " Angles | - - - | | Poop Deck, Angle, [or] | - |
| DOUBLE BOTTOM. | | | Spacing | - |
| Solid Floors, thickness and spacing | - - - | | Bridge Deck, Angle, [or] | - |
| " " Are Frame and Reversed Frame joggled? | - - - | | Spacing | - |
| Bracket Floors, breadth and thickness at middle line | - - - | | Forecastle Deck, Angle, [or] | - |
| " " breadth and thickness at margin plate | - - - | | Spacing | - |

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3/8"

21 15 3

42 5 3/8

4 x 3/8 FB alt for

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 | | - | - | - | | | Stringer Plate, breadth and thickness in way of Bridge | | - | - | - |
| " in 'tween Decks, Size and Spacing | | - | - | - | | | Thickness of Plating abreast Deck openings in way of Wells | | - | - | - |
| " " " " " | | - | - | - | | | Thickness of Plating abreast Deck openings in way of Bridge..... | | - | - | - |
| " in Holds " " " | | - | - | - | | | Thickness of Plating within line of openings... | | - | - | - |
| " " " " " | | - | - | - | | | If Sheathed, material and thickness..... | | - | - | - |
| Centre Line Bulkhead, Stiffeners and Spacing | | - | - | - | | | Third Deck. Stringer Plate, breadth and thickness..... | | - | - | - |
| Plating, thickness of | | - | - | - | | | If Plated, state thickness | | - | - | - |
| STRINGERS AND DECKS. | | | | | | | Fourth Deck. Stringer Plate, breadth and thickness..... | | - | - | - |
| Uppermost Continuous Deck. Amidships. | | | | | | | If Plated, state thickness..... | | - | - | - |
| Stringer Plate, breadth and thickness in XXXX At ends. | | | | | 5/8 | / | Fifth Deck. Stringer Plate, breadth and thickness..... | | - | - | - |
| " " " " (in way of Bridge) | | | | | 5/8 | / | If Plated, state thickness..... | | - | - | - |
| " Angle XXXX Gunwale..... | | 3 | 3/4 | | | | Poop Deck. Stringer Plate, breadth and thickness..... | | - | - | - |
| | | SE | Convex | | | | Plating, Sheathing, material and thickness | | - | - | - |
| Thickness of Plating abreast Deck openings in way of Wells | | - | - | - | | | Bridge Deck. Stringer Plate, breadth and thickness..... | | - | - | - |
| Thickness of Plating abreast Deck openings in way of Bridge..... | | - | - | - | | | Plating, Sheathing, material and thickness | | - | - | - |
| At ends. | | | | | | | Forecastle Deck. Stringer Plate, breadth and thickness..... | | - | - | - |
| Thickness of Plating XXXX XXXX XXXX | | - | - | 3/8 | | / | Plating, Sheathing, material and thickness... | | - | - | - |
| If Sheathed, material and thickness..... | | - | - | - | | | | | | | |
| Second Deck. Stringer Plate, breadth and thickness in Wells | | - | - | - | | | | | | | |

SHELL PLATING.

| SCANTLINGS. | | | | | | | | | | RIVETING. | | | | | | | | | |
|---|---------------|------------|------------|------------|--|-------------------|---------|--------------------|------------------------|-----------|--------------------|---------------------|--|--|--|--|--|--|--|
| STRAKES. | AS IN VESSEL. | | | | ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED. | EDGES. | | | BUTTS. | | | | | | | | | | |
| | AMIDSHIPS. | | FORWARD. | | | 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. | | | | | | | | |
| | Inches. | Inches. | Inches. | Inches. | | | Inches. | Inches. | | Inches. | Inches. | | | | | | | | |
| Flat Plate Keel..... | 84 | 3/8 | 3/8 | 3/8 | / | | | | | | | | | | | | | | |
| „ Dblg. (if any) | - | - | - | - | | E | | | | | | | | | | | | | |
| Bottom Plating, No. of Strakes 1..P.&S. | 72 | 3/8 | 3/8 | 3/8 | / | L | | | | | | | | | | | | | |
| Bilge Plating, No. of Strakes | - | - | - | - | | E | | | | | | | | | | | | | |
| Side Plating, No. of Strakes 1..P.&S. | 72 | 3/8 | 3/8 | 3/8 | | C | | | | | | | | | | | | | |
| Upper Deck, Sheer-strake in Wells..... | 24 | 3/8 | 3/8 | 3/8 | | T | | | | | | | | | | | | | |
| Upper Deck, Sheer-strake in Bridge ... | - | - | - | - | | R | | | | | | | | | | | | | |
| Strake below Sheer-strake in Wells..... | - | - | - | - | | I | | | | | | | | | | | | | |
| Strake below Sheer-strake in Bridge ... | - | - | - | - | | C | | | | | | | | | | | | | |
| Poop Side Plating..... | - | - | - | - | | | | | W | | | | | | | | | | |
| Bridge Side Plating..... | - | - | - | - | | | | | E | | | | | | | | | | |
| Forecastle Side Plating | - | - | - | - | | | | | L | | | | | | | | | | |
| | | | | | | | | | D | | | | | | | | | | |
| | | | | | | | | | E | | | | | | | | | | |
| | | | | | | | | | D | | | | | | | | | | |

WATERTIGHT BULKHEADS.

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

Extending to Upper Deck (Sec. 3 c) Two.

„ Deck next below -

As per Rule Two.

FORGINGS AND CASTINGS.

| | Casting or Forging. | Scantlings. | Maker's Name. | Any Departure from Approved Plans to be Noted |
|---|---------------------|-------------|---------------|---|
| KEEL, Bar | | | | |
| STEM | | | | |
| STERN FRAME { Propeller Post | | | | |
| { Rudder " | | | | |
| Speed of Vessel | | | | |
| RUDDER—Type | | | | |
| A × D | | | | |
| Diam. of head | | | | |
| Mainpiece at top pintle | | | | |
| " heel | | | | |
| how constructed | | | | |
| double or single plate coupling, vertical or horizontal | | | | |

| | | Plating Thickness. | STIFFENERS. | | | |
|------------|-----------------------------|-----------------------|-------------|----------|-------------|----------|
| | | | VERTICAL. | | HORIZONTAL. | |
| | | | Scantlings. | Spacing. | Scantlings. | Spacing. |
| MIDSHIP | BULKH'D, Upper 'tween decks | - | - | - | - | - |
| " | " Second " | - | - | - | - | - |
| " | " Third " | - | - | - | - | - |
| " | " Holds | - | - | - | - | - |
| COLLISION | " (in Hold) | 5/16 | 3x1/4FB. | 27". | 3x3/4 | 7/16 e |
| AFTER PEAK | " | 5/16 | 3x1/4FB. | 27". | do | do |

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) Open Hearth.
Plating Appleby Frodingham & South Durham Steel & Iron Co., Id.,
Sections Dorman Long & Co., Id.,

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.)

STONERACE P.T.B. No. 135754

STONERIG P.T.B. No. 136487

PARTICULARS OF ELECTRIC WELDING (if employed) — As Approved Drawings.

Charrington Gardner Locket (London), Id. Plan No.8346/58 'B'.

Charrington Gardner Locket (London), Id. Plan No.8420/65 'A'.

Copies attached.

Quasi Arc Electrodes DP Positional & Down Hard used for barge & tank construction.

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

Swim Barge Electrically Welded.

RADAR Equipment (State if fitted) No.

State Type or Pattern No.

State } Maker
Name } and/or
of } Supplier

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

1st Bower Cast Steel Anchor Head Weight 1cwt. 24.lb. Drop test 15 feet.

2nd „ Tested Newcastle-upon-Tyne J.H.J. Certificate No.12460 1/12/55.

3rd „

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

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

Official No. 17975. Signal Letters — Extreme Breadth over Belting 22'-3". Over-all Length 87'-0".

No. and Material of Decks One Steel.

Parts of Bottom of Vessel coated with cement or approved composition Walles Dove Solution & Enamel.

Particulars of composition (if fitted) and of approval Bitumen.

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. Feet. | Water Capacity. Tons. | Where Fitted. | Length. Feet. | Water Capacity. 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.

Date

Dates of Surveys
held while building

7th & 27th June, 1957, 8th, 15th & 31st August, 1957, 17th & 27th September,
1957, 10th & 29th October, 1957 & 9th & 13th November, 1957.

Total No. of Visits 11.

JEB.