

RECEIVED STEEL STEAMER ~~MOTORSHIP~~

16 JUL 1949

Received at London Office

20 JUL 1949

IN D.O.

Date of completion of report

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

Port of

Sunderland

No. 35144

Survey held at

Sunderland

Date First Survey 2nd December 1948

Last Survey 24 June 1949

1949

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

Screw Steamer "POOLE QUAY"

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

Full Scantling

State Type of Erections

Poole R.Q. Dk & Poole

TONNAGE under Tonnage Deck ...

917.21

CLASS

+100 A1

State if with freeboard as condition of Class

No

Built at

Sunderland

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)

FEET

L 224.00

Launched 14 April 1949

Yard No. 312

Total

Gross Tonnage

1366.16

Register Tonnage

662.10

Breadth (greatest moulded)

B

35.15

Builders Wm Pickersgill & Son

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

D

16.25

Owners British Electricity Authority

1st Longitudinal Number (L x D)

3640

Managers Stephenson Clarke & Co

(Where necessary to be entered in Reg. Book)

2nd Numeral L x (B + D)

11648

Residence London

REGISTERED DIMENSIONS.

FEET

Length

221.3

Breadth

36.0

Depth

14.35

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

10.00

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

13.14

Do. Long Bridge to top of keel

11.15

Draught Moulded

15.374

Port of Registry London

If surveyed while building, afloat, & in dry dock

Yes (Docking date 6.4.49)

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 | 21 ✓ | | Bracket Floors, Frame | ✓ | |
| " " from 1/2 length amidships to Collision bulkhead | 21 ✓ | | " " Reversed Frame | ✓ | |
| " " in peaks | 22 1/2 ✓ | | " " Vertical Struts | ✓ | |
| SIDE FRAMING. | | | Centre Girder, depth and thickness amidships | 32 ✓ 40 ✓ | |
| Frame Amidships, Angle, E or F | ✓ R.Q. Dk 6 3 35 } & as approved ✓ | | " " top Angles | 3 3 36 ✓ | |
| " " Extends up to | Upper & R.Q. Dks ✓ | | " " bottom Angles | 3 1/2 3 1/2 40 ✓ | |
| Reversed Frame Amidships, Angle | ✓ | | Side Girders, No. each side and thickness | 1-6+3+305 ✓ | |
| " " Extends up to | ✓ | | Margin Plate depth (excl. of flange) and thickness | 34 & 38 sloping tank ✓ | |
| Depth of Framing Girder | 6" x 5" & as approved ✓ | | " " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem | Sloping tank top ✓ | |
| Frames in Uppermost Continuous 'tween Decks, Angle, E or F | ✓ | | " " Vertical Angle to Tank side Bracket from forward 1/4 len. from stem to Panting Area | E.W. to shell ✓ | |
| " " Second 'tween Decks, Angle, E or F | ✓ | | " " Gussets, spacing and scantling abaft 1/4 len. from stem | ✓ | |
| " " Third | ✓ | | " " Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area | ✓ | |
| " " from 1/2 len. for'd. to 15% len. from Stem | 5 3 40 ✓ | | Tank Side Brackets, height above base line at toe of Frame and thickness | 30 ✓ | |
| " " in Peaks, Angle, E or F | 5 3 32 ✓ | | INNER BOTTOM PLATING. | | |
| Diameter and Spacing of Rivets through Frame and Shell Plating amidships | ✓ | | Breadth and thickness of Middle Line Strake | Transverse plating ✓ | |
| State if Frame Joggled | Yes ✓ | | Thickness of remainder in Holds | 50 ✓ 50 42 34 ✓ | |
| Are the scantlings and arrangements in the Panting Area 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 ✓ | |
| Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved? | Yes ✓ | | BEAMS. | | |
| SINGLE BOTTOM. | | | Uppermost Continuous Deck, amidships | 1 3 33 & as approved ✓ | |
| Floors, Depth and thickness at mid-line in Holds | ✓ | | " " in way of Bridge, Angle, E or F | ✓ | |
| Height of Brackets at side above base line at toe of frame | ✓ | | " " Spacing | 21" ✓ | |
| Middle Line Keelson, on Floors, Angles, E or F | ✓ | | Second Deck, amidships, Angle, E or F | ✓ | |
| " " Through Plate or Inter-costal Plate | ✓ | | " " Spacing | ✓ | |
| " " Foundation Plate on Floors | ✓ | | Third Deck, amidships, Angle, E or F | ✓ | |
| " " Flat Plate Keel Angles | ✓ | | " " Spacing | ✓ | |
| Side Keelsons, No. each side | ✓ | | Fourth Deck, amidships, Angle, E or F | ✓ | |
| " " thickness of Inter-costal Plate | ✓ | | " " Spacing | ✓ | |
| " " Angles | ✓ | | Poop Deck, Angle, E or F | 5-3+3+2.30 ✓ | |
| DOUBLE BOTTOM. | | | " " Spacing | Every frame ✓ | |
| Solid Floors, thickness and spacing | 30 ✓ 21" ✓ | | Bridge Deck, Angle, E or F | ✓ | |
| " " Are Frame and Reversed Frame joggled? | Frame only ✓ | | " " Spacing | ✓ | |
| Bracket Floors, breadth and thickness at middle line | ✓ | | Forecastle Deck, Angle, E or F | 6 3 24 ✓ | |
| " " breadth and thickness at margin plate | ✓ | | " " Spacing | Every frame ✓ | |

PILLARS AND DECKS.

| PILLARS, No. of Rows | INCHES IN SHIP. | | Any Departure from Approved Plans to be Noted. | | | INCHES IN SHIP. | | Any Departure from Approved Plans to be Noted. |
|--|-----------------|------------|--|---|--|-----------------|------------|--|
| | Breadth. | Thickness. | | | | Breadth. | Thickness. | |
| 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 | | | | | | | | |
| Centre Line Bulkhead. Stiffeners and Spacing | | | | | | | | |
| Plating, thickness of | | | | | | | | |
| STRINGERS AND DECKS. Uppermost Continuous Deck. Stringer Plate, breadth and thickness in Wells | 88 | 54 | ✓ | | | | | |
| " " " " in way of Bridge | 3 1/2 | 3 1/2 | 54 | ✓ | | | | |
| " Angle in Wells | 5 | 5 | 54 | ✓ | | | | |
| 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 | 36 | 30 | 34 | ✓ | | | | |
| If Sheathed, material and thickness | | | | | | | | |
| R. Qtr Second Deck. Stringer Plate, breadth and thickness in Wells | 82 | 53 | ✓ | | | | | |
| 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 | 3 | 26 | ✓ | | | | | |
| Bridge Deck. Stringer Plate, breadth and thickness | | | | | | | | |
| Plating, Sheathing, material and thickness | | | | | | | | |
| Forecastle Deck. Stringer Plate, breadth and thickness | | | | | | | | |
| Plating, Sheathing, material and thickness | 30 | ✓ | | | | | | |
| | | | | | | | | |

SHELL PLATING.

| STRAKES. | SCANTLINGS. | | | | RIVETING. | | | |
|--|------------------|-----------------------------------|--------------------|--|-------------------|--------------------------|------------------------|----------------------------------|
| | AS IN VESSEL. | | | | EDGES. No. | | | |
| | | | | | State if jogged? | | | |
| | AMIDSHIPS. | FORWARD. | AFT. | ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED. | SINGLE OR DOUBLE. | RIVETS. | NO. OF ROWS OF RIVETS. | BUTTS. |
| | Breadth. Inches. | Thickness. Inches. | Thickness. Inches. | | | Diam. Spacing cr. to cr. | | RIVETS. Diam. Spacing cr. to cr. |
| Flat Plate Keel | 42 | 56 | 53 | ✓ | Double | 3/4 3 | | Welded. |
| " Dblg. (if any) | | | | | | | | |
| Bottom Plating, No. of Strakes | 8 c | 45 | 2-42 2-41 | ✓ | Double | 3/4 3 | | Welded. |
| Bilge Plating, No. of Strakes | D | 45 | 42 41 | ✓ | " | 3/4 3 | | Welded. |
| Side Plating, No. of Strakes | E, F | 45 | 42 37 | ✓ | " | 3/4 3 | | Welded. |
| Upper Deck, Sheer-strake in Wells | G | 16 at break | ✓ | | " | 7/8 3 3/4 | | Welded. |
| R. Qtr Upper Deck, Sheer-strake in Bridge | H | 46 | 41 | ✓ | " | 7/8 3 3/4 | | Welded. |
| Strake below Sheer-strake in Wells | F | 45 | 42 37 | ✓ | Double | 3/4 3 | | Welded. |
| R. Qtr Strake below Sheer-strake in Bridge | G | 58-69 at break of poop. See plan. | 41 | ✓ | " | 7/8 3 3/4 | | Welded. |
| Poop Side Plating | | | 28 | ✓ | Single | 3/4 3 | | Welded. |
| Bridge Side Plating | | | | | | | | |
| Forecastle Side Plating | | | 30 | ✓ | Single | 3/4 3 | | Welded. |

WATERTIGHT BULKHEADS.

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

Extending to Upper Deck (Sec. 3 c)

" Deck next below

As per Rule

5 4 for record

3

STIFFENERS.

| | Plating Thickness. | VERTICAL. | | | | HORIZONTAL. | | | |
|-------------------------------------|--------------------|-------------|----------|-------------|----------|-------------|----------|-------------|----------|
| | | Scantlings. | Spacing. | Scantlings. | Spacing. | Scantlings. | Spacing. | Scantlings. | Spacing. |
| MIDSHIP BULKH'D, Upper 'tween decks | 36-30 | 5-2 1/2 | 28 | 25 | 26 | | | | |
| " " Second | 32-30 | 5-2 1/2 | 32 | 29 | 26 | | | | |
| " " Third | 31-30 | 7-3 | 32 | 27 | 26 | | | | |
| " " Holds | 36-30 | 5-3 | 34 | 25 | 26 | 258 Beams | 6 | | |
| COLLISION " (in Hold) | See above | | | | | | | | |
| AFTER PEAK " | 6 1/4 | 50-30 | 3-2 1/2 | 24 | 24 | 58 Beams | 6-6 | | |

FORGINGS AND CASTINGS.

| | Casting or Forging. | Scantlings. | Maker's Name. | Any Departure from Approved Plans to be Noted. |
|---|---------------------|-------------------------|---------------|--|
| KEEL, Bar | Upper | 1 1/2" plate | | |
| STEM | Lower | ROLLED 1 1/2" | | |
| STERN FRAME | Propeller Post | Forging 1 1/4" | | |
| | Rudder | " 9-1/2 x 1 1/2" | | as approved. |
| Speed of Vessel | | 12 knots | | |
| RUDDER—Type | | Ordinary | | |
| " A x D | | 117 | | |
| " Diam. of head | | 6" | | |
| " Mainpiece at top pintle | | 5 1/4 x 5 1/2 | | |
| " " heel | | 4 1/4 x 4 1/4 | | |
| " how constructed | | Plates welded to frame. | | |
| " double or single plate coupling, vertical or horizontal | | double | | |
| | | Vertical. | | |

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) Open hearth
 Appleby Frodingham, Consett, Cargo Fleet, Norman Long, Skinningrove,
 South Durham.

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

Lloyd's Register Foundation

EQUIPMENT No. 12497

LETTER O

ANCHORS.

16 JUL 1949

| Number of Certificate. | Anchors. | WEIGHT, EX. STOCK. | | | WEIGHT OF STOCK. | | | TEST, PER CERTIFICATE. | | | | WEIGHT REQUIRED BY TABLE 53. | Description of Anchor. | Makers. | Where and when tested, and Superintendent. |
|------------------------|-------------------|--------------------|------|------|------------------|------|------|------------------------|-------|------|------|------------------------------|------------------------|-------------|--|
| | | Cwts. | qrs. | lbs. | Cwts. | qrs. | lbs. | Tons. | cwts. | qrs. | lbs. | | | | |
| 53494 | 1st Bower | 28 | 2 | 14 | - | - | - | 27 | 11 | 3 | 14 | ✓ | Byers Improved Type | Not stated. | Sld 21/3/49 WDS. |
| 53492 | 2nd " | 28 | 0 | 21 | - | - | - | 27 | 6 | 1 | 0 | ✓ | " | " | Sld 21/3/49 WDS. |
| 53051 | 3rd " | 24 | 0 | 0 | - | - | - | 23 | 17 | 2 | 0 | ✓ | " | " | Sld 30/10/48 J.H. |
| | Collective weight | 80 | 3 | 1 | | | | | | | | 80 | | | |
| 61699 | Stream | 1 | 1 | 10 | ✓ | 3 | 14 | ✓ | 9 | 11 | 2 | ✓ | 7 (ex stock) Ordinary | " | Cradley Heath 18/5/49 H.P. |

CHAIN CABLES.

HAWSERS AND WARPS.

| Number of Certificate. | Length and size supplied. | | Test per Certificate. | | WEIGHT OF CHAIN CABLE. | | Length and size per Table 53. | | Description. | Makers of Cables. | Where and when tested, and Superintendent. | Material. | Length and size supplied. | | Breaking Test of Steel Wire. | Length and size per Table 53. | |
|--------------------------------|---------------------------|--------|-----------------------|------|------------------------|---------|-------------------------------|--------|--------------|-------------------|--|-----------------|---------------------------|-------|------------------------------|-------------------------------|-------|
| | Fathoms. | Ins. | Tons. | qrs. | Cwts. | qrs. | Fathoms. | Ins. | | | | | Fathoms. | Ins. | Tons. | Fathoms. | Ins. |
| 14313 | 240 | 1 9/16 | 43.9 | 61.4 | 302-2-20 | 295 3/4 | 240 | 1 9/16 | Shd Link | Not stated | Cradley Heath 25/1/49 H.P. | TOWLINE | 90 | 4 | 44.9 | 90 | 3 1/4 |
| | | | | | | | | | | | | HAWSERS & WARPS | 1-90 | 4 | 44.9 | 1-90 | 2 1/4 |
| | | | | | | | | | | | | | 1-90 | 2 1/2 | 11.1 | 1-90 | 1 3/4 |
| Iron-Steel Chain or Steel Wire | 15 | 4 1/2 | 58.6 | ✓ | | | 15 | 3 3/4 | ✓ | | | | | | | | |

Steering Gear, Type (Power or hand)

Donkin & Co ✓

Alternative Means of Steering

Steering Chains (Size and Test)

Telemotor ✓

Windlass

Emerson, Walker.

Boats

2-19' lifeboats

Ceiling in Holds, thickness and material

Tank top increased in lieu.

Cargo Batts, thickness, material and spacing

Cargo Hatchways.—(Upper Deck)

Steel plates efficiently stiffened & welded to deck.

Thickness of Hatches

29 x 26 Macgregor Patent Steel Covers.

Size of Hatchways No. 1 (Fwd.)

45' x 21'

No. 2

47' x 22'

No. 3

4' x 22'

No. 4

✓

No. 5

✓

No. 6

✓

Number of Shifting Beams and/or Fore and Afters

Macgregor Patent Steel Covers as approved.

Wm. PICKERSGILL & SONS, LIMITED.

Builder's Signature

B.D. Dwyer

DIRECTOR

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 ship has been built in conformity with the Society's Rules & Regulations the Secretary's letter. The scantlings & arrangements are in accordance with or equivalent to those shown on the approved drawings. The keels and workmanship are good. The freeboard marks have been verified & entered on the vessel's sides. The double bottom compartments are tank, & peak tanks have been tested in accordance with the Rules. The decks, bulkheads, hand pumps & WT doors have been satisfactorily tested. The windlass & steering gear have been tried under working conditions.

Amount of Entry Fee..... £ : :

Fees applied for,

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

Special Survey Fee..... £262.0.0

FREE BOARD 17.0.0

Travelling Expenses, if any £ : :

Received by me,

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

State whether the Vessel has been built under Special Survey

Yes

Signature

Jas Rennie

Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to

SUNDERLAND

Date of issue

12/8/49

Committee's Minute

FRI. 5 AUG 1949

Character assigned

+100 A1

6.49 Sld.

Cargo battens not fitted

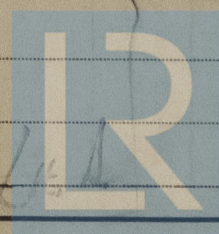
Lloyd's A.C.P.

+LMC 6.49

F.D. C.L.

2 SB 220 lb

White A.C.P. (H.P.)



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Lloyd's Register Foundation

011378-011385-011397

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.)

Sld Rpt 35104. 1/2 " POOLE HARBOUR (Crown & Son Yard No 227)
" 35120 1/2 " " CHANNEL " " " No 228)

Int of Plans: Pumping Arrangement. Amended stiffening in Machinery Room. Macgregor Steel Hatch Covers.

See also plans of Machinery Section, Profile Decks & Bulkheads, Shell & Framing, Electric welding of Rudder Plating, Rudder Gland Bearings, Sternframe & Rudder, approved for Crown & Son Yard Nos 227-8-9.

Copies of these plans are in the London office.

PARTICULARS OF ELECTRIC WELDING (if employed) Electrodes used:—Rockwell, Murex, Welding Rods. Parts welded:—Kiel & centre girder bents all shell & deck bents, bulkheads, tank tops, hatches, deckhouse bents, fore & poop decks to shell, chain locker, rudder, shell to stem & upper part of sternframe.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book. Cruiser stern, ESD, Pl Elec 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 | 17 3 7 (incl. pins.) | ✓ AEC | 2012. | 16/12/48. | ✓ |
| | 2nd " | 18 - 1 - 7 " | ✓ AEC | 2209 | 20/1/49 | ✓ |
| | 3rd " | 16 - 0 - 7 " | ✓ AEC | 14 | 2/3/48 | ✓ |
| | | | | | | |

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 56.75 ft., R.Q.D. 144.15 ft., Bridge 144.15 ft., Forecastle 25.3 ft. (in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated.

Official No. 183045 Signal Letters GBVJ Extreme Breadth over Belting No belting Over-all Length 235.1 (Circ. 1611) (Circ. 1703)

No. and Material of Decks One deck (shl) Poop & Fore Decks of steel.

Parts of Bottom of Vessel coated with cement or approved composition Double bottom tanks in holds cement washed. (Nos 1, 2, 3) No 4 & 5 d/b tanks & hold wells coated with Bakumarko Enamel. Peaks & Deep Tank coated with "Carnet".

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.)

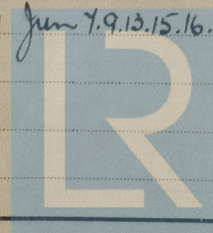
| Where Fitted. | Length. | Water Capacity. | Where Fitted. | Length. | Water Capacity. |
|---|---------|-----------------|---|---------|-----------------|
| Double bottom, aft, | Feet. | Tons. | Fore peak tank, | Feet. | Tons. |
| Double bottom, under Engines and Boilers, (Nos 4 & 5) | 42.75 | 49 | After peak tank, | 16.9 | 100 |
| Double bottom, if under Engines only, | ✓ | ✓ | Deep tank, aft, | 15.15 | 93 |
| Double bottom, if under Boilers only, | ✓ | ✓ | Deep tank, forward, | 11.25 | 108 |
| Double bottom, forward, (Nos 1, 2, 3) | 144.0 | 343 | Other tanks, if fitted, | ✓ | ✓ |
| Total length (if continuous) and Capacity | 186.75 | 392 | (If necessary furnish further information by sketch.) | ✓ | ✓ |

Order for Special Survey No. 6294

Date 13-12-48

Dates of Surveys held while building

1948 Dec 2.8.13.14.20.23.29.31. 1949 Jan 5.7.11.13.17.19.24.26.28 Feb 2.4.7.8.11. Mar 1.3.4.8.15.18.22.24.28. 29.31 Apr 1.4.5.6.8.11.12.14.22 May 4.5.16.18.26.31 Jun 7.9.13.15.16.17.20.23.24



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Total No. of Visits 54