

RECEIVED

12 SEP 1949

DISCLOSED

STEEL STEAMER OR MOTORSHIP.

DISCLOSED

SEP 1949

Received at London Office

SECTION

IN D.O. SECTION

No. 480

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.

Date of completion of report

Port of Sunderland.

No. 35148

Survey held at

Sunderland.

Date First Survey

24th January 1949

Last Survey

25th August 1949

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

Single Screw Steamer

"POOLE RIVER"

Machinery Aft. See letter 10.10.49

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

Full Scantling.

State Type of Erections

R. Q. Dk & Poop.

TONNAGE under

Tonnage Deck ...

917.21

CLASS

+ 100 A

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)

L 224.00

Launched

June 27th 1949 Yard No. 313

Breadth (greatest moulded)

B 35.15

Builders

Wm Pickersgill & Sons

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.

Total

1366.16

Gross Tonnage

662.10

Register Tonnage

1st Longitudinal Number (L x D)

3640

Managers

Stephenson, Clarke Ltd.

2nd Numeral L x (B + D)

11648

(Where necessary to be entered in Reg. Book)

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

10.00

Residence

London.

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

13.74

Port of Registry

London.

Do. Long Bridge to top of keel

11.15

If surveyed while building, afloat, or in dry dock

Yes. (Docking date 8.4.49)

Draught Moulded

15'-3 3/4

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	27 1/2	✓	" " Vertical Struts	✓	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	32 ✓ 40 ✓	
Frame Amidships, Angle, [or]	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- 4 3 30 ✓	
" " Extends up to	✓		Margin Plate depth (excl. of flange) and thickness	3 4 3 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, [or]	✓		" " Vertical Angle to Tank side Bracket from forward 1/4 len. from stem to Panting Area	EW to shell ✓	
" " Second 'tween Decks, Angle, [or]	✓		" " 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	19 1/2 30 ✓	
" " in Peaks, Angle, [or]	5 3 32 ✓		INNER BOTTOM PLATING. (Transverse plating) ✓		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	3/4 4 1/8		Breadth and thickness of Middle Line Strake...	✓	
State if Frame Joggled.....	Yes ✓		Thickness of remainder in Holds	50 ✓	
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, [or]	✓	
Height of Brackets at side above base line at toe of frame.....	✓		Spacing	27 ✓	
Middle Line Keelson, on Floors, Angles, [or]	✓		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.....	✓		Fourth Deck, amidships, Angle, [or]	✓	
" " thickness of Inter-costal Plate	✓		Spacing	✓	
" " Angles	✓		Poop Deck, Angle, [or]	5 3 3 30 ✓	
DOUBLE BOTTOM.			Spacing	Every frame. ✓	
Solid Floors, thickness and spacing	30 27 ✓		Bridge Deck, Angle, [or]	✓	
" " Are Frame and Reversed Frame joggled?	Frame only. ✓		Spacing	✓	
Bracket Floors, breadth and thickness at middle line	✓		Forecastle Deck, Angle, [or]	6 3 28 ✓	
" " breadth and thickness at margin plate.....	✓		Spacing	Every frame. ✓	

(MADE IN ENGLAND.)

011304-011315-0035 1/2

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 „ „ „		✓		34 deep brackets spaced 9'-0" apart in lieu of pillars.	Thickness of Plating within line of openings...	30	✓		
„ „ „ „ „		✓			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. Uppermost Continuous Deck. Stringer Plate, breadth and thickness in Wells	88		54	✓	Fourth Deck. Stringer Plate, breadth and thickness.....	✓			
„ „ „ „ in way of Bridge		✓			If Plated, state thickness.....	✓			
„ Angle in Wells	3 1/2	3 1/2	54	✓	Poop Deck. Stringer Plate, breadth and thickness.....	26	✓		
Thickness of Plating abreast Deck openings in way of Wells	5	5	54	✓	Plating, Sheathing, material and thickness ...	30		26	✓
Thickness of Plating abreast Deck openings in way of Bridge.....		✓			Bridge Deck. Stringer Plate, breadth and thickness.....	✓			
Thickness of Plating within line of openings...	36	30	34	✓	Plating, Sheathing, material and thickness ...	✓			
If Sheathed, material and thickness.....		✓			Forecastle Deck. Stringer Plate, breadth and thickness.....	30	✓		
R. Qr Dk Second Deck. Stringer Plate, breadth and thickness in Wells	82		53	✓	Plating, Sheathing, material and thickness...	30		40 under windlass	✓

SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. No ✓			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.	
	Inches.	Inches.	Inches.	Inches.			Inches.	Inches.		Inches.	Inches.	
Flat Plate Keel.....	42 ✓	56 ✓	53 ✓	53 ✓		Double ✓	3/4 ✓	3 ✓		Welded. ✓		
„ Dblg. (if any)	✓											
Bottom Plating, No. of Strakes 3 }	AB ✓	45 ✓	2-42 ✓ 1-46 ✓	2-41 ✓ 1-45 ✓		Double ✓	3/4 ✓	3 ✓		Welded. ✓		
Bilge Plating, No. of Strakes 1 }	D ✓	45 ✓	42 ✓	41 ✓		„	3/4 ✓	3 ✓		Welded. ✓		
Side Plating, No. of Strakes 2 }	E ✓	45 ✓	42 ✓	41 ✓ 37 ✓		„	3/4 ✓	3 ✓		Welded. ✓		
Upper Deck, Sheer-strake in Wells R. Qr Dk }	G ✓	76 ✓ at break	break ✓	41 ✓		„	1/4 ✓	3 3/4 ✓		Welded. ✓		
Upper Deck, Sheer-strake in Bridge H }	H ✓	69 ✓ at break	break ✓	41 ✓	See plan	„	3/4 ✓	3 ✓		Welded. ✓		
Strake below Sheer-strake in Wells F }	F ✓	45 ✓	42 ✓	37 ✓		„	3/4 ✓	3 ✓		Welded. ✓		
Strake below Sheer-strake in Bridge R. Qr G }	G ✓	58-69 ✓ at break	break ✓	41 ✓	See plan	„	1/4 ✓	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)	5 4 for record
„ Deck next below	✓
As per Rule	3

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Deep Tank 60fr	36-30	5-2 1/2-28	25	26	
„ „ Upper 'tween decks		5-2 1/2-32	29 1/2		✓
„ „ Second 32fr	31-30	1-3-32	27 1/2		✓
„ „ Third 91fr	36-30	1-3-38	33		✓
„ „ „		5-3-34	25	26	258 Beams
„ „ Holds	✓	5-2 1/2-30			6
COLLISION „ (in Hold)	See above.				
AFTER PEAK „ 6 1/8 frame	50-30	3 1/2-24-30	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	Flat	✓		
STEM	Upper Lower.	M.S. Plate Rolled 1-2		
STERN FRAME { Propeller Post	Forging	1-3 1/4	T. S. Foraker & Son	
{ Rudder „	„	9-6 1/2-1 1/4	as approved	
Speed of Vessel.....		12 knots	✓	
RUDDER—Type		Ordinary	✓	
„ A × D.....		117	T. S. Foraker	
„ Diam. of head		6	Sons Ltd	
„ Mainpiece at top pintle		5 1/4-5 1/2	✓	
„ „ heel ...		4 1/4-4 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 Search.
	Alphby Frodingham, Consett, Cargo Fleck, Dorman Long, Skinningrove, South Durham.	
	Has the Steel been tested as required by the Rules?	Yes. ✓

EQUIPMENT No. 12897												LETTER O		ANCHORS.	
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.					
53599	1st Bower	28	1	21	-	-	-	27	10	-	-	Byers Improved Type	Not shaked	Sld 29 4 49	WDS.
53592	2nd "	28	1	0	-	-	-	27	6	1	0	"	"	Sld 27 4 49	WDS.
53591	3rd "	24	3	0	-	-	-	24	10	2	14	"	"	Sld 27 4 49	WDS.
	Collective weight	81	1	21							80				
68062	Stream	7	0	18	1	3	10	9	9	1	14	Ordinary	Not shaked.	Cradley Heath 18 7 49	HP.

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.	
	Length.	Diam.	Statutory.	Breaking.	Supplied.		Per Rule.	Length.	Diam.	Length.					Ins.	Length.		Ins.	
19311	240	1 9/16	43.9	61.4	300-0-12		298 3/4	240	1 9/16	Stud Link	Not shaked.	Cradley Heath 26 7 49 H.P.	TOWLINE HAWSERS & WARPS " "	Fathoms	Ins.	Tons.	Fathoms	Ins.	
														90	4"	44.9	90	3 1/4"	
														1-90	2 1/2"	17.7	90	2 1/4"	
Iron Steam Chain or Steel Wire	15	4 1/2	58.6	1/24				15	3 3/4						1-90	4"	44.9	90	1 3/4"

Steering Gear, Type (Power ☒ 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 ☒ Cargo Battens, thickness, material and spacing ☒

Cargo Hatchways.—(Upper Deck) Steel plates efficiently stiffened & welded to deck Thickness of Hatches 29 & 26 Macgregor Patent Steel Covers

Size of Hatchways No. 1 (Fwd.) 45' x 21' No. 2 47' x 22' No. 3 46' x 22' No. 4 ☒ No. 5 ☒ No. 6 ☒

Number of Shifting Beams and/or Fore and Afters Macgregor Patent Steel Covers as approved.

Builder's Signature Wm PICKERSGILL & SONS, LIMITED. D. D. Stoppel. 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 and regulations and the Secretary's letters. The scantlings & arrangements are in accordance with or equivalent to those shown on the approved drawings. The materials & workmanship are good. The freeboard marks have been lamped & cut in on the vessel's sides. The double bottom compartments, deep 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, SEP - 3 1949 (Special notations, where part of class, to be stated.)

Special Survey Fee..... £262 0 0 } Received by me, 19

FREEBOARD 14 0 0

Travelling Expenses, if any £ : : }

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

whether the Vessel has been built under Special Survey Yes

Signature Jas Rennie Surveyor to Lloyd's Register of Shipping.

to be sent to SUNDERLAND Date of issue 17/10/49

Committee's Minute FRI. 7 OCT 1949

Character assigned +100A1

8,49 Sld. Cargo battens not fitted

Lloyd's A&CP +LMC 8,49

F.D. C.L.

2 SB 220/6

Write Sld. (h+m)

Sld Rpt 35147. 5/5 "POOLE QUAY"

List of Plans:- Pumping arrangement, Amended Skaffering
on Midship House. MacGregor Steel Hatch Covers.
See also plans of Midship Section, Profile Decks & Bulkheads.
Shell Expansion Electric Welding of Rudder Plating
Rudder Gland Bearings, Sternframe & Rudder.
approved for J. Crown & Sons Yard No 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:- Keel & centre girder butts, all shell & deck butts, bulkheads, tank tops, hatches, deckhouse butts, fore & poop decks to shell, chain locker, rudder, shell to stern & upper part of stern frame. ✓

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

	4 th	9 th	11 th						
1st Bower.	18	0	0 (incl pins)	✓	A E C	808	4	2	+9. ✓
2nd "	17	2	21 (")	✓	A E C	153	3	12	+9 ✓
3rd "	15	3	14 (")	✓	A E C	13	2	3	+8 ✓

Official No. 153081

Signal Letters.

Extreme Breadth over Belting

Over-all Length 235.1
(Circ. 1703)

No. and Material of Decks 12k (Ske) Poop & Fore Decks of steel. (Circ. 1611) ✓

Parts of Bottom of Vessel coated with cement or approved composition. Double bottom tanks in holds cement washed (No 1, 2, 3).
No 4 & 5 double tanks & hold wells coated with Bakumarine Enamel. Peaks & Deep Tank coated with "Camacox".

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.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,	✓	✓	Fore peak tank,	16-9	100 ✓
Double bottom, under Engines and Boilers, (Nos 4 & 5)	42-75	49	After peak tank,	15-75	93 ✓
Double bottom, if under Engines only,	✓	✓	Deep tank, aft,	✓	✓
Double bottom, if under Boilers only,	✓	✓	Deep tank, forward,	11-25 ✓	106 ✓
Double bottom, forward, (Nos 1, 2, 3)	14-0	34-3	Other tanks, if fitted,	✓	
Total length (if continuous) and Capacity	156-75 ✓	392 ✓	(If necessary furnish further information by sketch.)	✓	

Order for Special Survey No.

Date _____

~~13-12-48~~

Dates of Surveys

1949 Jan 24, 26, 28 Feb 2, 4, 7, 8, 11 Mar 1, 4, 8, 15, 18, 22, 24, 28, 31 Apr 4, 5, 11, 14, 20, 22, 26, 29 May 2, 5, 9, 12, 16, 23
24, 26, 27, 31 Jun 2, 7, 9, 13, 14, 15, 20, 27 Jul 1, 13, 18 Aug 2, 4, 5, 9, 11, 14, 18, 22, 25

Total No. of Visits **56**