

STEEL STEAMER OR MOTORSHIP.

Received at London Office

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

21st June 1941

Port of

Sunderland

No. 33126

Survey held at

Sunderland

Date First Survey

13 Sep. 40

Last Survey

4 June

1941

On the (State if Machinery fitted Aft)

S. S. "Capitol"

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

Full Scantling

State Type of Erections R.O.D. bridge & fork

TONNAGE under Tonnage Deck

1176.79

CLASS + 100A1.

State if with freeboard as condition of Class *Yes*

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 242.75

Breadth (greatest moulded)

B 39.33

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

D 18.50

1st Longitudinal Number (L x D)

= 4491

2nd Numeral L x (B + D)

= 14039

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

9.72

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

13.12

Do. Long Bridge to top of keel

10.79

Draught Moulded

22.62

Launched 24th April 1941 Yard No. 355

Builders S.P. Austin & Son, Ltd

Owners Gas Light & Coke Co.

Managers Stephenson Clarke & Co. Ltd

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

Residence 4 Tenchurch Avenue

Port of Registry London

If surveyed while building, afloat, or in dry dock

Yes

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 $\frac{1}{2}$ length amidships to Collision bulkhead	27 " 24"	✓	" " Reversed Frame	-	
" " in peaks	23	✓	" " Vertical Struts	-	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	32" x 40	✓
Frame Amidships, Angle, \angle or \odot	7 3 $\frac{3}{8}$	✓	" " top Angles <i>Double</i>	3 3 $\frac{3}{8}$	✓
" " Extends up to	RQ or U.D.	✓	" " bottom Angles <i>do</i>	3 $\frac{1}{2}$ 3 $\frac{1}{2}$ $\frac{3}{8}$	✓
Reversed Frame Amidships, Angle	-		Side Girders, No. each side and thickness	9 3 $\frac{1}{2}$ $\frac{3}{8}$	BA ✓
" " Extends up to	-		Margin Plate depth (excl. of flange) and thickness	38	✓
Depth of Framing Girder	7	✓	" " Vertical Angle to Tank side Bracket abaft $\frac{1}{2}$ len. from stem	<i>See section</i>	✓
Frames in Uppermost Continuous 'tween Decks, Angle, \angle or \odot	-		" " Vertical Angle to Tank side Bracket from forward $\frac{1}{2}$ len. from stem to Panting Area	<i>do</i>	✓
" " Second 'tween Decks, Angle, \angle or \odot	-		" " Gussets, spacing and scantling abaft $\frac{1}{2}$ len. from stem	-	
" " Third " " "	-		" " Gussets, spacing and scantling from forward $\frac{1}{2}$ len. from stem to Panting Area	-	
" " from $\frac{1}{2}$ len. for'd. to 15% len. from Stem	7 3 33	BA ✓	Tank Side Brackets, height above base line at toe of Frame and thickness	8'9" x 32"	✓
" " in Peaks, Angle or \odot	6 3 $\frac{1}{2}$ $\frac{5}{16}$	✓	INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	3/4 24 47/8	✓	Breadth and thickness of Middle Line Strake	84" x 50	<i>increase base of plating</i> ✓
State if Frame Joggled	<i>Yes</i>	✓	Thickness of remainder in Holds	50	✓
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	<i>Yes</i>	✓	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?	<i>Yes</i>	✓
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	<i>Yes</i>	✓	BEAMS.		
SINGLE BOTTOM. IN B.S. ONLY.			Uppermost Continuous Deck, amidships	6 3 $\frac{1}{2}$ $\frac{5}{16}$	✓
Floors, Depth and thickness at mid-line	22" x 50	✓	" " in Way of Bridge, Angle, \angle or \odot	-	
Height of Brackets at side above base line at toe of frame	44	✓	" " Spacing	27	✓
Middle Line Keelson, on Floors, Angles, \angle or \odot	6 3 $\frac{1}{2}$ $\frac{1}{2}$	✓	Second Deck, amidships, Angle, \angle or \odot	6 3 $\frac{1}{2}$ $\frac{5}{16}$	✓
" " Through Plate or Intercoastal Plate	50	✓	Spacing	27	✓
" " Foundation Plate on Floors	50	✓	Third Deck, amidships, Angle, \angle or \odot	-	
" " Flat Plate Keel Angles	3 $\frac{1}{2}$ 3 $\frac{1}{2}$ $\frac{1}{2}$	dbl. ✓	Spacing	-	
Side Keelsons, No. each side	1	✓	Fourth Deck, amidships, Angle, \angle or \odot	-	
" " thickness of Intercoastal Plate	46	✓	Spacing	-	
" " Angle <i>BA</i>	9 3 $\frac{1}{2}$ $\frac{7}{16}$	✓	Poop Deck, Angle, \angle or \odot	-	
DOUBLE BOTTOM.			Spacing	-	
Solid Floors, thickness and spacing	32 24 27	✓	Bridge Deck, Angle, \angle or \odot	5 3 $\frac{1}{4}$	✓
" " Are Frame and Reversed Frame joggled?	<i>Frame only</i>	✓	Spacing	27	✓
Bracket Floors, breadth and thickness at middle line	-		Forecastle Deck, Angle, \angle or \odot	6 3 $\frac{1}{2}$ $\frac{5}{16}$	✓
" " breadth and thickness at margin plate	-		Spacing	23	✓

PILLARS AND DECKS.			
	INCHES IN SHIP.		Any Departure from Approved Plans to be Noted.
PILLARS, No. of Rows.....	-		
" in 'tween Decks, Size and Spacing.....	-		
" " " " " "	-		
" in Holds " " "	34 deep flats spaced 90 apart in line of pillars.		
" " " " " "	-		
Centre Line Bulkhead.	-		
Stiffeners and Spacing.....	-		
Plating, thickness of	-		
STRINGERS AND DECKS.			
Uppermost Continuous Deck.			
Stringer Plate, breadth and thickness in Wells	73" x 69		
" " " " " " in way of Bridge	-		
" Angle in Wells	6 6 1/2		
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...	30		
If Sheathed, material and thickness	-		
Second Deck.			
Stringer Plate, breadth and thickness in Wells	64" x 55		
" " " " " " in way of Bridge	-		
" Angle in Wells	-		
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.....	34" x 32"		
Plating, Sheathing, material and thickness	26" x 30"		
Forecastle Deck.			
Stringer Plate, breadth and thickness.....	-		
Plating, Sheathing, material and thickness	30" x 50"		

SHELL PLATING.											
SCANTLINGS.					RIVETING.						
AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.		BUTTS.				
AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.	No. of Rows of Rivets.	RIVETS.		STRAPPED OR LAPPED.	
Breadth.	Thickness.	Thickness.	Thickness.					Diam.	Spacing or to cr.		Diam.
FLAT PLATE KEEL	58 1/2	53	49	49	2	3/4	3	3	3/4	3	Double Straps
" DELG. (if any)	-	-	-	-	-	-	-	-	-	-	-
BOTTOM PLATING, No. of Strakes A+B.....	80 1/2	47	53	39	2	3/4	3	3-2	3/4	2 5/8	Lapped.
BILGE PLATING, No. of Strakes	68	47	46	45	2	3/4	3	3-2	3/4	2 5/8	do.
SIDE PLATING, No. of Strakes C+D.....	66	47	43	39	2	3/4	3	3-2	3/4	2 5/8	do.
UPPER DECK, Sheer-strake in Wells (G).....	49	58	38	39	2	7/8	3 1/2	3-2	7/8	3 1/8	do.
UPPER DECK, Sheer-strake in Bridge	53	51	-	39	2	3/4	3	3-2	3/4	2 5/8	do.
STRAKE BELOW SHEER-strake in Wells (F).....	50	50	38	39	2	3/4	3	3-2	3/4	2 5/8	do.
STRAKE BELOW SHEER-strake in Bridge (G).....	49	48	-	39	2	3/4	3	3-2	3/4	2 5/8	do.
POOP SIDE PLATING	-	-	-	-	-	-	-	-	-	-	-
BRIDGE SIDE PLATING	-	32	-	-	1	3/4	3	No butts	-	-	-
FORECASTLE SIDE PLATING	-	-	32	-	1	3/4	3	1	3/4	2 5/8	Lapped.

WATERTIGHT BULKHEADS.				FORGINGS and CASTINGS.			
Total No. of W.T. BULKHEADS in Vessel—				Casting or Forging.			
Extending to Upper Deck (Sec. 3 c)	4			KEEL, Bar	Roller steel	8 x 17 1/2	Consent
Deck next below	-			STEM	F	8 x 5 3/8	Yoster
As per Rule	4			STERN FRAME	F	13 x 5 1/2	"
				Speed of Vessel	Under 12 knots		
				RUDDER—Type	Ordinary		
				" A x D	236.5		
				" Diam. of head	F. 7 7/8		
				" Mainpiece at top pintle	7 x 6 1/2		
				" " heel	6 1/2 x 3 5/8		
				" how constructed	Riveted		
				" double or single plate	32 double		
				" coupling, vertical or horizontal	Vertical		
				Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)			
				Dorman Long, South Durham & Skinningrove			
				Has the Steel been tested as required by the Rules? Yes.			

EQUIPMENT No 14942										LETTER P		ANCHORS.				
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			WEIGHT REQUIRED BY RULE.	Description of Anchor.	Makers.	Where and when tested and by whom.		
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.					lbs.	
40530	1st Bower	33	1	14	-	-	-	31	3	0	14	33	Stainless	-	Ed. 12.2.41 W.D. Norman	
40542	2nd "	33	1	0	-	-	-	31	1	1	0	33	do	-	15.2.41 do.	
	3rd "	66	2	14	-	-	-	27	6	6	14	27	do	-		
	Collective weight.	9	3	2	-	-	-	73	10	2	2	73	do	-		
54089	Stream	8	3	2	2	0	26	10	17	2	0	102	Iron stock	-	C.H. 9.5.41 L. Paul.	
CHAIN CABLES.										HAWSERS AND WARPS.						
Number of Certificate.	Length and size supplied.	Test per Certificate.	WEIGHT OF CHAIN CABLE.			Length and size per Table 33.	Description.	Makers of Cables.	Where and when tested, and by whom.	Material.	Length and size supplied.		Breaking Test of Steel Wire.		Length and size per Table 33.	
			Supplied.	Per Rule.	Cwts.						qrs.	lbs.	Fathoms.	Ins.	Tons.	Fathoms.
117263	210 1/2 1 1/2 5 1/2 7 1/2 303-1-8	301	210	1 1/2	5 1/2	7 1/2	301	210	1 1/2	5 1/2	7 1/2	90	3 1/2	21 1/2	90	3 1/2
	75 3 3/4 29 3/8		75	3 3/4	29 3/8			75	3 3/4	29 3/8						
Steering Gear, Type (Power or hand) 3 electromotor Donkins Alternative Means of Steering Wire ropes & blocks Steering Chains (Size and Test) Direct to rudderhead Windlass Emerson Walker Boats 20.3 motor life boat Ceiling in Holds, thickness and material ✓ Cargo Batts, thickness, material and spacing ✓ Cargo Hatchways.—(Upper Deck) Plating angles (Machgreys) Thickness of Hatches 26"-31" steel. Size of Hatchways No. 1 (Fwd.) 45'3" x 25'8" No. 2 36'0" x 25'8" No. 3 36'0" x 25'8" No. 4 — No. 5 — No. 6 — Number of Shifting Beams 1.2.3 = 15. Builder's Signature <i>A.W. Sugdale</i> MANAGING 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 <i>No.</i> (b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo <i>No.</i> 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). The vessel has been built in accordance with the approved plans, the Secretary's letters & the Society's Rules. The materials & workmanship are satisfactory. The freeboard markings have been marked on, verified & cut in on the vessels sides. The D.B. tanks, peaks & deep tanks have been tested by pressure in accordance with the Rules. The decks, bulkheads & hand pumps have been tested. The windlass & steering gear, including the auxiliary gear have been tried. The equipment has been reduced in accordance with the Secretary's letters of the 29.1.40 & 22.2.40. (War emergency) Certificates attached for sternframe, rudder, quadrant & tiller.																
The amount of Entry Fee £ 5 : : : Fees applied for, 16 July 1941 Special Survey Fee £ 152 : 18 : Received by me, 19 Travelling Expenses, if any £ : : : I am of opinion the Vessel should be Classed + 100A1 With full State whether the Vessel has been built under Special Survey Yes Signature P. Horndale Certificate to be sent to SUNDERLAND. Date of issue 13/7/41 Committee's Minute FRI. 4 JUL 1941 Character assigned + 100A1 With freeboard + Limb 6.41 Lloyd's arch. 92. Cargo battens not fitted note for S.R.L. Write for																

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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 following "as built" plans are forwarded
Middship Section
Profile & decks
Pumping plan

The approved plans are attached herewith.

PARTICULARS OF ELECTRIC WELDING (if employed) Minor items only

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

With freeboard.
Cargo battens not fitted Cruiser stern Lloyd's A. 1 CP.

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

1st Bower	20-0-12. J.T. 3331	24-7-40
2nd "	20-3-26 J.T. 3375	16-8-40
3rd "		

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. 148.59 ft., Bridge 15.75 ft., Forecastle 24.66 ft.

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

Official No. 168182 Signal Letters Extreme Breadth over Belting ☒ Over-all Length 257'-0" ☒

No. and Material of Decks 1 dls (stl)

Parts of Bottom of Vessel coated with cement or approved composition B.R. tank

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.)

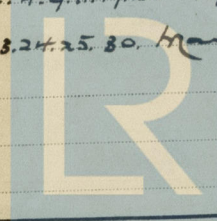
Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	-	-	Fore peak tank,	24-00	154
Double bottom, under Engines and Boilers,	-	-	After peak tank,	6-00	18
Double bottom, if under Engines only,	23-50	27	Deep tank, aft, mudsluys	13-50	58
Double bottom, if under Boilers only,	-	-	Deep tank, forward,	-	-
Double bottom, forward, 168-25	166-00	588	Other tanks, if fitted,	-	-
Total length (if continuous) and Capacity			(If necessary, furnish further information by sketch.)		

Order for Special Survey No. 5943

Date 26.3.40

Dates of Surveys held while building

1940. Sep. 13, 26. Oct. 29. Nov. 7, 29. Dec. 4, 9, 11, 17, 26. 1941. Jan. 8, 14, 22, 30. Feb. 7, 14, 28. Mar. 4, 11, 21. Apr. 4, 9, 10, 15, 17, 18, 19, 21, 22, 23, 24, 25, 30. May 1, 2, 7, 12, 14, 19, 23, 26, 28, 30. June 3, 4, 6, 10, 14.



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Total No. of Visits 49