

STEEL STEAMER or MOTORSHIP.

Received at London Office JUL 11 1928

State if Report has been sent on the Freeboard of the Vessel

State if Report is sent on the Machinery of the Vessel

Date of completion of report

12th July 1928

Port of

Middlebrough

No.

13365

Survey held at

South Bank - on - Lees

Date First Survey

24th October 1927

Last Survey

12th July 1928

On the

S. S. Stonepool

Machinery amidships, single

State Type

Full scantling

State Type of Erections

Poop, Bridge & Forecastle

TONNAGE under
Tonnage Deck

4551.93

CLASS 100 A.1

State if with freeboard
as condition of Class

No

Built at

South Bank - on - Lees

Launched

14th June 1928

Yard No. 842

Builders

Smith's Dock Co. Ltd.

Owners

Pool Shipping Co. Ltd.

Managers

Sir R. Roper & Co. Ltd.

Residence

West Startlepool

Port of Registry

West Startlepool

If surveyed while building, afloat, or in dry dock

Rafting & Afloat

Do. of space or spaces
between Tonnage Dk.
and Upper Dk.

Total

Gross Tonnage

4802.90

Register Tonnage

2975.92

REGISTERED DIMENSIONS.
FEET.

Length

405'

Breadth

53.5'

Depth

26.4'

Length from fore part of stem to after part of stern
post on summer L.W.L. See Sec. 3 (1a)

L 405'

Breadth (greatest moulded)

B 53.168

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

D 29.46

1st Longitudinal Number (L x D)

= 11931.3

2nd Numeral L x (B + D)

= 33463.12

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

25.69'

Proportions—Depth to Length—Uppermost con-
tinuous deck to top of keel

13.75'

Do. Long Bridge to top
of keel

10.96'

Draught Moulded

24'-6 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	28		Bracket Floors, Frame	6 3 1/2 32	
" " from 1/2 length to Collision bulkhead	27		" " Reversed Frame	5 1/2 3 32	
" " in peaks	24		" " Vertical Struts	10 x 3 1/2 x 3 1/2 x 42	
WIDE FRAMING:			Centre Girder, depth and thickness amidships	48 x 48 42	
Frame Amidships, Angle, [or]	12 x 3 1/2 x 3 1/2 x 63		" " top Angles	3 1/2 x 3 1/2 x 50 48	
" " Extends up to	Upper Deck		" " bottom Angles	11 x 14 x 56 52	
Reversed Frame Amidships, Angle			Side Girders, No. each side and thickness	One 38	
" " Extends up to			Margin Plate depth (excl. of flange) and thickness	43 1/2 x 50	
Depth of Framing Girder	12		" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	6 6 42	
Frames in Uppermost Continuous 'tween Decks, Angle, [or]			" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem	6 6 42	
" " Second 'tween Decks, Angle, [or]			" " Gussets, spacing and scantling abaft 1/2 len. from stem	Every frame 10 3 1/2 39	
" " Third " " " "			" " Gussets, spacing and scantling forward 1/2 len. from stem	80 30 39	
Framing in Peaks, Angle, [or]	7 3 1/2 48		Tank Side Brackets, height above base line at toe of Frame and thickness	63	
Diameter and Spacing of Rivets through Frame and Shell Plating amid- ships	7/8 x 6 1/4		INNER BOTTOM PLATING.		
State if Frame Joggled	Yes		Breadth and thickness of Middle Line Strake	72 x 47 38	
STRENGTHENING ARRANGEMENTS (Sec. 7), state system and particulars	Deep framing and reverse angle every third frame		Thickness of remainder in Holds	42 37	
STRENGTHENING OF BOTTOM FOR- WARD. State Particulars	Extra plates to approved plan		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	
DOUBLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds			Uppermost Continuous Deck, amidships in Wells, Angle, [or]	10 3 1/2 58	
Height of Brackets at side above base line at toe of frame			" " in way of Bridge, Angle, [or]	10 3 1/2 50	
Middle Line Keelson, on Floors, Angles, [or]			" " Spacing	Every frame	
" " Through Plate or Intercostal Plate			Second Deck, amidships, Angle, [or]		
" " Foundation Plate on Floors			" " Spacing		
" " Flat Plate Keel Angles			Third Deck, amidships, Angle, [or]		
" " Spacing			" " Spacing		
Keelsons, No. each side			Fourth Deck, amidships, Angle, [or]		
" " thickness of Intercostal Plate			" " Spacing		
" " Angles			Poop Deck, Angle, [or]	7 3 36	
DOUBLE BOTTOM.			" " Spacing	Every frame	
Solid Floors, thickness and spacing	38 every third frame		Bridge Deck, Angle, [or]	8 3 1/2 54	
" " Are Frame and Reversed Frame joggled?	Frames only		" " Spacing	Every frame	
Bracket Floors, breadth and thickness at middle line	3'-0" x 38		Forecastle Deck, Angle, [or]	10 3 1/2 42	
" " breadth and thickness at margin plate	3'-0" x 38		" " Spacing	Alternate frames	

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.			Third Deck.		
Stiffeners and Spacing.....	11 3 1/2 x 51	See profile. Alternate frames.	Stringer Plate, breadth and thickness.....		
Plating, thickness of	30		If Plated, state thickness.....		
STRINGERS AND DECKS.			Fourth Deck.		
Uppermost Continuous Deck.			Stringer Plate, breadth and thickness.....		
Stringer Plate, breadth and thickness in Wells	54 x 71 average		If Plated, state thickness		
„ „ „ „ in way of Bridge	65 x 39		Poop Deck.		
„ Angle in Wells	6 x 6 x 73	See plans	Stringer Plate, breadth and thickness	35 x 37	
Thickness of Plating abreast Deck openings in way of Wells	87-51		Plating, Sheathing, material and thickness ...	33, no sheathing	
Thickness of Plating abreast Deck openings in way of Bridge	34		Bridge Deck.		
Thickness of Plating within line of openings...	45-41	(See plans)	Stringer Plate, breadth and thickness.....	56 x 58	
If Sheathed, material and thickness	No.		Plating, Sheathing, material and thickness ...	52 No sheathing	
Second Deck.			Forecastle Deck.		
Stringer Plate, breadth and thickness in Wells...			Stringer Plate, breadth and thickness.....	34 x 34	
			Plating, Sheathing, material and thickness ...	28, Pitch pine 5 x 3	

SHELL PLATING.

SCANTLINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged?	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.	
FLAT PLATE KEEL	49	78	68	68		Double	1	4	Lead: 1 1/2	4 1/2	Lapped		
„ DBLG. (if any)	None.												
BOTTOM PLATING, No. of Strakes	69	60	2 approved			Double	7/8	3 1/2	Double	7/8	3 1/8	Lapped	
BILGE PLATING, No. of Strakes	70	60	46	46									
SIDE PLATING, No. of Strakes	2274	60	44	44									
UPPER DECK, Sheer-strake in Wells.....	64	67	44	44					2 approved plan				
UPPER DECK, Sheer-strake in Bridge ...	64	60							Double				
STRAKE BELOW Sheer-strake in Wells.....	74		64-44	64-44									
STRAKE BELOW Sheer-strake in Bridge ...	74	60	64 at Bridge ends.										
POOP SIDE PLATING		38				Single	3/4	3	Double	3/4	2 5/8		
BRIDGE SIDE PLATING ...		60				Double	7/8	3 1/2	Double	7/8	3 1/8		
FORECASTLE SIDE PLATING		40				Single	3/4	3	Double	3/4	2 5/8		

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—					
Extending to Upper Deck (Sec. 3 c) 6					
„ Deck next below 1					
As per Rule 6					
	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD, Upper 'tween decks	33 x 35	12 x 3 1/2	3 1/2	66	
„ „ Second „				29-32	
„ „ Third „					
„ „ Holds					
COLLISION „ (in Hold)	36	10 x 3 1/2	44	As approved	
AFTER PEAK „ „	32	9 x 3 1/2	38	do do.	

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar				
STEM	9 1/2	2 1/2	Manson, Glasgow	
STERN FRAME { Propeller Post	10 1/2	7 1/2	J. S. Forbes & Co. Ltd.	
{ Rudder „	9	7 1/2	London	
RUDDER—A x D	485	6	do.	
Speed of Vessel	10 knots.			
RUDDER mainpiece at head ...	10			
„ „ heel ...	7 1/2			
„ how constructed	Forged. Keyed arm at each pintle			
„ double or single plate coupling, vertical or horizontal	Single.			
	Vertical			

STEEL.	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)	
	Halekrow Vaughan, Borman Long & Co. Constn.	
	Mild steel, open hearth.	
	Has the Steel been tested as required by the Rules? Yes.	

EQUIPMENT No. 35475.42										LETTER Z		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.	
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.			
31069	1st Bower ...	63	3	14	✓	✓	✓	50	10	0	0	63 3/4	Byers Improved Hook	W & A Roberts Ltd	Landward 10.5.28
31070	2nd „ ...	63	3	7	✓	✓	✓	50	10	0	0	63 3/4	do	do	11.5.28
31071	3rd „ ...	54	3	7	✓	✓	✓	45	5	3	21	54 1/2	do	do	11.5.28
	Collective weight.	180	9	28								183.2			
30902	Stream	17	2	7	✓	✓	✓	18	14	1	14	17 1/2	Roberts Forge & Machine		30.3.28

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.	Statu- tory.	Break- ing.	Supplied.		Per Rule.		Length.	Diam.					Length.	Cir.		Length.	Cir.	Length.	Cir.
	Fathoms.	Ins.	Tons.		Cwt.	qrs.	lbs.	Cwt.		Fathoms.	Ins.				Fathoms.	Ins.	Tons.	Fathoms.	Ins.		
15745	255	2 1/4	9 1/8	127 1/2	656	2	14	682 1/4		255	2 1/4	Hadwick	✓	Landward	29.3.28	TOWLINE	120	5	73	120	5
15725	15	2 1/4	9 1/8	127 1/2	38	1	21			15	2 1/4	do.	✓	do.	10.3.28	HAWSERS & WARPS	2090	2 3/4	15 1/2	2090	2 3/4
Inspected Cable Steel Wire		Cir.			690						Cir.			J. A. Hatfield		"	2090	2 1/2	12 1/2	2090	2 1/2
	90	4 3/4	✓	47						90	4 3/4					"					

Steering Gear, Steam	10" x 10" Horiz.	J. Lynn to Landward	Steering Gear, Hand	Relieving Jackle
Boats	Two 27'0" x 8'3" x 3'3"		Boats	One 18'0" x 5'6" x 2'4"
Ceiling in Holds, thickness and material	2 1/2" W. fine under hatchways		Cargo Battens, thickness, material and spacing	6" x 2" to fine 15" in holds only
Cargo Hatchways. (Upper Deck)	2 BRIDGE	Six	Thickness of Hatches	2 1/2" to 2 3/4"
Size of No. 1 Hatchway (Forward)	27'0" x 26'0"	No. 2 28'0" x 26'0"	No. 3 28'0" x 26'0"	No. 4 28'0" x 26'0"
No. 5	18'8" x 20'0"	No. 6	18'8" x 20'0"	No. 7 18'8" x 20'0"
Number of Shifting Beams and/or Fore and Afters	No 1 = 5	No 2 to 4 = 4	No 5 & 6 = 3	

FOR SMITH'S DOCK COMPANY, LTD			
Builder's Signature	J. W. Cairns	per thd.	

GENERAL DECLARATION	This vessel has been built in accordance with the approved plans, and the Society's Rules for the Class contemplated, also the Secretary's letters, from 27 th Sept. 1927 to 20 th June 1928.
	The workmanship and materials are good and in every way satisfactory. All double bottom and fore and after peak tanks have been tested to Rule requirements, and found tight.
	The decks, bulkheads and tunnel have been tested by hose and found in order. Watertight doors have been examined and satisfactorily tested. The steam steering gear and connections, also windlass & winches have been tested under steam.
	The assigned freeboard has been cut in the vessel's sides and verified.
	Cargo battens not fitted in Bridge & Poop lower decks.

The amount of Entry Fee	£ 8 : 0 : 0	Fees applied for,	14. 4. 1928
Special Survey Fee	£ 315 : 3 : 0	Received by me,	18. 8. 28
Travelling Expenses, if any	£ 9 : 3 : 4		
Freeboard.			
State, whether the Vessel has been built under Special Survey	Yes.		
Certificate to be sent to	this office	Date of issue	18/8/28.

Committee's Minute	FRI. 27 JUL 1928
Character assigned	+ 100 A1
	Lloyd's A + CP
	Miss Gubb
	W. J. M. 7. 28
	Cr. R. S.
	My
	Signature Archd. Murray.
	Surveyor to Lloyd's Register of Shipping.

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.)

Plans as built forwarded herewith

Midship Section
Profile & Decks.

Approved Plans.

Midship Section.

Profile & Decks.

Side Stringer.

Bellocks & Ladders.

Side Bunkers (2)

Hatch Coaming, Beams & Webs.

Masts, Derrick Jables & outriggers.

Quadrant.

Tunnel.

Spore Room in Bridge & Deck.

Relieving Jackle.

Detail of Hatch End Beam Knees.

Poop Bridge & Forecastle Bulkheads.

Copies of Approved plans are in London office.

Approved plan of additional strengthening of flat of bottom forward, showing modifications due to alterations in line of margin plate, herewith.

Certificates forwarded herewith

Stern Frame.

Rudder Frame.

Filler.

D.W.C of Cargo and bunkers	Cubic Capacity.	
	In feet.	In thousands of feet.
	P. B.	Grain Balu
8670	22000	4481. 4446.

These particulars are given by Builders for entry in Register subject to Owners approval.

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

1st Bower

36 3 12.

KH. 5308

26.4.28

2nd "

36 1 13.

KH. 5301

26.4.28

3rd "

32 2 20.

KH. 5310

26.4.28

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 29.75 ft., R.Q.D. ft., Bridge 228.5 ft., Forecastle 40.75 ft.
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated.

No. and Material of Decks (this information is to be given as it should appear in the Register Book) 1 Dh (Stl)

Official No. 139259 ; Signal Letters

Is bottom of Vessel coated with cement Yes if not give

particulars of composition

PARTICULARS OF WATER BALLAST.—

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	135.3	542	Fore peak tank,	22.75	168
Double bottom, under Engines and Boilers,	✓	✓	After peak tank,	22.0	159
Double bottom, if under Engines only,	23.3	123	Deep tank, aft,	✓	✓
Double bottom, if under Boilers only,	18.6	DRY	Deep tank, forward,	✓	✓
Double bottom, forward,	175.1	733	Other tanks, if fitted,	✓	✓
Total capacity of double bottom		1398	(If necessary, furnish further information by sketch.)		

* The wells are not to be included in the lengths of the tanks.

Order for Special Survey No. 1436

Date 17.10.24

Dates of Surveys held while building

1924

Oct 24. 26. Nov 5. 7. 14. 17. 18. 23. 25. Dec 6. 8. 13. 22. Jan 6. 9. 11. 14. 27. 31. Feb 6. 13. 16. 17. 20. 22. 23. 24. Mar 9. 14. 20. 22.

26. 28. Apr 2. 3. 12. 17. 24. 30. May 1. 2. 8. 10. 11. 15. 17. 18. 19. 21. 22. 30. 31. Jun 2. 4. 8. 9. Jul 6. 7. 9. 10. 12.

1928

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Lloyd's Register

Foundation

Total No. of Visits

61