

STEEL STEAMER or MOTORSHIP.

Received at London Office 11 NOV 1926

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

9th November 1926

Port of

NEWCASTLE-ON-TYNE

No. 80705

Survey held at

South Shields

Date First Survey

23rd Sep. 1925

Last Survey

5th Nov

1926

On the (State if Machinery fitted Aft and

Single Screw Steamer "Southgate" Machinery amidships

State Type (Full scantling, Complete Superstructure

Complete Superstructure, tonnage opening State Type of Erections *Full*

TONNAGE under

4543.67

CLASS 100 A1.

State if with freeboard
as condition of Class *Yes*

Built at

South Shields

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 400.0*Breadth (greatest moulded) *B 54.79*Depth, at middle of length from top of keel to top
of beam at side of uppermost continuous
deck. See Sec. 3 (1c) *D 36.25*1st Longitudinal Number (L x D) = *14500*2nd Numeral L x (B + D) = *36416*Framing Depth "d," at middle of length. See
Sec. 3 (1d) *24.7*Proportions—Depth to Length—Uppermost con-
tinuous deck to top of keel *11.03*Do. Long Bridge to top
of keelDraught Moulded *24-10 3/4*

Launched 7 October 1926 Yard No. 482

Builders John Readhead & Sons Ltd

Owners Turnbull Scott & Co.

Managers

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

Residence London

Port of Registry London

If surveyed while building, afloat, or in dry dock

Building.

Total

4862.25

Gross Tonnage

Register Tonnage 2970.99

REGISTERED DIMENSIONS.
FEET.

Length

400.0

Breadth

55.2

Depth

25.75

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	9	3 1/2	54	
" " from 1/2 length to Collision bulkhead	28				" " Reversed Frame	8 1/2	3	54	
" " in peaks	26				" " Vertical Struts	8 1/2	3	54	
SIDE FRAMING.					Centre Girder, depth and thickness amidships	42 1/2	55		
Frame Amidships, Angle, E or C	12	3 1/2	52	NBS	" " top Angles	3 1/2	3 1/2	53	
" " Extends up to	2 nd	deck			" " bottom Angles	4	4	59	
Reversed Frame Amidships, Angle	-	-	-		Side Girders, No. each side and thickness	6	41		
" " Extends up to	-	-	-		Margin Plate depth (excl. of flange) and thickness	39 1/2	53		
Depth of Framing Girder	12				" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	6	6	50	
Frames in Uppermost Continuous 'tween Decks, Angle, E or C	7	3 1/2	41		" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem	6	6	50	
" " Second 'tween Decks, Angle, E or C	-	-	-		" " Gussets, spacing and scantling abaft 1/2 len. from stem	-	-	(see plan)	
" " Third " " " "	-	-	-		" " Gussets, spacing and scantling forward 1/2 len. from stem	28	41		
Framing in Peaks, Angle or C	8	3	34		Tank Side Brackets, height above base line at toe of Frame and thickness	68	48		
Diameter and Spacing of Rivets through Frame and Shell Plating amid- ships	7/8	6 1/4			INNER BOTTOM PLATING.				
State if Frame Joggled	Yes				Breadth and thickness of Middle Line Strake	76	51	53	breadth
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	12	3 1/2	72	NBS	Thickness of remainder in Holds	43			
STRENGTHENING OF BOTTOM FOR- WARD. State Particulars	7	3 1/2	70	Angle	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			
SINGLE BOTTOM.	14	3 1/2	70	Angle	BEAMS.				
Floors, Depth and thickness at mid-line in Holds	3	Girders	inside		Uppermost Continuous Deck, amidships in Wells, Angle, E or C	9	3	42	
Height of Brackets at side above base line at toe of frame	-	-	-		" " " in way of Bridge, Angle, E or C	-	-	-	
Middle Line Keelson, on Floors, Angles, E or C	-	-	-		Spacing	28			
" " " Through Plate or Intercostal Plate	-	-	-		Second Deck, amidships, Angle, E or C	10 1/2	3 1/2	56	
" " " Foundation Plate on Floors	-	-	-		Spacing	28			
" " " Flat Plate Keel Angles	-	-	-		Third Deck, amidships, Angle, E or C	-	-	-	
Side Keelsons, No. each side	-	-	-		Spacing	-	-	-	
" " thickness of Intercostal Plate	-	-	-		Fourth Deck, amidships, Angle, E or C	-	-	-	
" " Angles	-	-	-		Spacing	-	-	-	
DOUBLE BOTTOM.	-	-	-		Poop Deck, Angle, E or C	-	-	-	
Solid Floors, thickness and spacing	41	84			Spacing	-	-	-	
" " Are Frame and Reversed Frame joggled?	Yes				Bridge Deck, Angle, E or C	-	-	-	
Bracket Floors, breadth and thickness at middle line	48	41			Spacing	-	-	-	
" " breadth and thickness at margin plate	57	41			Forecastle Deck, Angle, E or C	-	-	-	
					Spacing	-	-	-	

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.....	-	-	-			-	-	-	
" in 'tween Decks, Size and Spacing.....	-	-	-			-	-	-	
" " " " " "	-	-	-			-	-	-	
" in Holds " "	-	-	-			-	-	-	
" " " " " "	-	-	-			-	-	-	
Centre Line Bulkhead.									
Stiffeners and Spacing.....	5	56"	12	3 1/2	62				
		6	9	3	48				
Plating, thickness of		Holds	30	Line	26				
STRINGERS AND DECKS.									
Uppermost Continuous Deck.									
Stringer Plate, breadth and thickness in Wells		58	56	6					
		39	42						
" " " " in way of Bridge		-	-	-					
" Angle in Wells		6	6	56					
		3 1/2	3 1/2	42					
Thickness of Plating abreast Deck openings } in way of Wells				48					
Thickness of Plating abreast Deck openings } in way of Bridge				-					
Thickness of Plating within line of openings...		38							
If Sheathed, material and thickness		-	-	-					
Second Deck.									
Stringer Plate, breadth and thickness in Wells...		58	40						
Stringer Plate, breadth and thickness in way of Bridge		-	-	-					
Thickness of Plating abreast Deck openings } in way of Wells				48					
Thickness of Plating abreast Deck openings } in way of Bridge				-					
Thickness of Plating within line of openings...		38							
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 ...		Part 2 1/2	PP						
Bridge Deck.									
Stringer Plate, breadth and thickness.....		-	-	-					
Plating, Sheathing, material and thickness ...		-	-	-					
Forecastle Deck.									
Stringer Plate, breadth and thickness.....		-	-	-					
Plating, Sheathing, material and thickness ...		-	-	-					

SHELL PLATING.

SCANTLINGS.						RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if jogged?			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	65	77	66	66		double	1	4	4	1	4	Lapped
„ DBLG. (if any)	-	-	-	-		-	-	-	-	-	-	-
BOTTOM PLATING, No. of Strakes4.....	72	56	57	51		double	7/8	3 1/2	3	7/8	3 1/2	"
BILGE PLATING, No. of Strakes1.....	47 1/4	56	51	52		"	"	"	3	"	"	"
SIDE PLATING, No. of Strakes4.....	73	56	48	48		"	"	"	3	"	"	"
UPPER DECK, Sheer-strake in Wells.....	78 1/2	66	48	48	75"	"	"	"	4 & 3	"	"	"
UPPER DECK, Sheer-strake in Bridge ...	-	-	-	-		-	-	-	-	-	-	-
STRAKE BELOW Sheer-strake in Wells.....	70 1/2	58	48	48	72 1/2"	"	"	"	3	"	"	"
STRAKE BELOW Sheer-strake in Bridge ...												
POOP SIDE PLATING												
BRIDGE SIDE PLATING ...												
FOREC'TLE SIDE PLATING												

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	Six
Extending to Upper Deck (Sec. 3 c)	Collision Bulkhead
" Deck next below	7 mi
As per Rule	Six

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper tween decks	-	-	-	-	-
" " Second "	-	-	-	-	-
" " Third "	-	-	-	-	-
" " Holds	39	12	8 1/2	48	30
COLLISION (in Hold)	38	12	1 1/2	50	24
AFTER PEAK	38	9	1	50	24

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	-	-	-	-
STEM	Roller Steel	9 1/2 x 2 5/8		
STERN FRAME { Propeller Post	Forging	10 1/2 x 7 3/4	Wilton	
{ Rudder	"	9 x 7 3/4		
RUDDER—A x D.....		45 x 6		
Speed of Vessel.....		Under 10 knots		
RUDDER mainpiece at head ...	Forged	9 3/4	Wilton	
" " heel ...		7 3/4		
" how constructed				
" double or single plate				
" coupling, vertical or horizontal				

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)

South Durham, Dorman Long, Bolcham Vaughan, Cargo Fleet.

Has the Steel been tested as required by the Rules?

Yes.

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EQUIPMENT No. 36717												LETTER 2	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.	lbs.				
29595	1st Bower ...	63	3	0	-	-	-	50	7	2	0	63 3/4	Stocklin	Hjers	Std 4/10/26 Butler
29598	2nd „ ...	63	3	0	-	-	-	50	7	2	0	63 3/4	"	"	Std 5/10/26 Butler
29599	3rd „ ...	54	1	0	-	-	-	45	4	1	14	54 1/2	"	"	Std 5/10/26 Butler
	Collective weight.	180	5	0								182			
59544	Stream	17	3	21	4	1	21	18	18	0	14	17 1/2	Iron Stock	Wright	Std 11/3/26 Gypdahl

CHAIN CABLES.

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.	Diam.	Tons.	qrs.	Cwts.	qrs.	Fathoms.	Diam.					Fathoms.	Ins.		Fathoms.	Ins.
60558	30	2 1/2	9 1/2	27 1/2	78-1-15	75-3-16	270	2 1/2	Steel	Wright	Std 24-3-26 Gypdahl	TOWLINE	120	5	59	120	5
66498	90 1/2	"	"	"	229-1-5	227-1-18					Std 22-3-26 Gypdahl	HAWSERS & WARPS	4-90	3	18	2-90	2 1/2
	Stream	90	4 3/4	47	(See Over)						Hard Haggie.	"	4-90	7		2-90	2 1/2
	Steel Wire						90	4 3/4				"	1 cord 5"	1 cord 2 1/2"			

HAWSERS AND WARPS.

Steering Gear, Steam 10" x 10" Steering Gear, Hand 6 1/2"

Boats 2-27-6 x 8-6 x 3-5 Steering Chains, Size and Test 1 7/16 49 1/2 Windlass Immerson Walker

Ceiling in Holds, thickness and material 2 1/2" under hatchways Cargo Battens, thickness, material and spacing 6 x 2" 4"

Cargo Hatchways.-(Upper Deck) Thickness of Hatches 2 1/2"

Size of No. 1 Hatchway (Forward) 28 x 19-11 1/2" No. 2 30-4 x 19-11 1/2" No. 3 18-8 x 14-0" No. 4 30-4 x 19-11 1/2" No. 5 28 x 19-11 1/2" No. 6

Number of Shifting Beams and/or Fore and Afters No 1-4, No 2-5, No 3-3, No 4-5, No 5-4

For JOHN REARHEAD & SONS, LIMITED.

Builder's Signature

GENERAL DECLARATION

This vessel has been built in accordance with the approved plans, the Committee's instructions and the Local Rules. The workmanship & materials are good & to my satisfaction. All tanks for water ballast have been tested under pressure to rule head. All bulkheads (47), weather decks, & tunnel have been tested. The assigned freeboards have been marked on vessel sides, verified & true in.

The approved plans & fitting reports are attached.

The amount of Entry Fee £ 8 : : Fees applied for,

Special Survey Fee £ 318 : 2 : 10 NOV 1926

Travelling Expenses, if any £ 10 : : Received by me, 10.12.26

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

State whether the Vessel has been built under Special Survey

Signature

Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to

Date of issue

Committee's Minute

TUES. 16 NOV 1926

Character assigned

100 A1 with Freeboard.

Lloyd's A & C. P.

+ L.P.A.C. 11:26

Ch.

Ch.



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002846-002852-0237 1/2

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 Dispt. the Plans should be embodied.)

No of Cert	Length of Luff	Length of Star	Length of Port	Length of Star	Length of Port	Weight of Chain Cable	Weight of Chain Cable	Length of Luff	Length of Star	Length of Port	Disse.	Makers.	When & where listed & Engr.
	Feet	Inches	Feet	Inches	Feet	C + H	C + H	Feet	Inches	Feet			
58816	15	2 1/2	91-22	127 1/2	37 3-19						Slud	✓	Lip 4-6-25 Drysdale
58817	15	"	"	"	38-2-7						"	✓	" " "
60325	15	"	"	"	38-1-0						"	✓	" 13/1/26 "
60345	15	"	"	"	38-2-18						"	✓	" 14/1/26 "
60326	15	"	"	"	39-0-21	37 3-17					"	✓	" 13/1/26 "
60327	15	"	"	"	37 3-21						"	✓	" " "
60328	15	"	"	"	38-2-0						"	✓	" " "
60346	15 1/2	"	"	"	39-0-26						"	✓	" 14/1/26 "
80046	15	"	"	"	38-1-26						"	✓	" 13/3/26 "
76453	15	"	"	"	38-0-16						"	✓	" 15/5/26 "

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

1st Bower	35-3-14	KH	4011	21-6-26
2nd "	36-0-12	KH	3985	21-6-26
3rd "	29-2-12	KH	3986	21-6-26

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 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) *Two decks steel.*

Official No. *149746* ; Signal Letters *E4B* ; Is bottom of Vessel coated with cement *if not cement fills* particulars of composition.

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	130-8	382	Fore peak tank,	—	—
Double bottom, under Engines and Boilers,	44-4	197	After peak tank,	23-10	15
Double bottom, if under Engines only,	—	—	Deep tank, aft,	—	—
Double bottom, if under Boilers only,	—	—	Deep tank, forward,	—	—
Double bottom, forward,	177-4	665	Other tanks, if fitted,	—	—
Total capacity of double bottom		1244	(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. *5158*

Date *24.11.25.*

Dates of Surveys held while building

1925 Sept. 23, 24, 25, 28, 29, 30, Oct. 5, 6, 8, 9, 12, 20, 22, 26, 27, 30, Nov. 6, 9, 10, 11, 12, 13, 17, 18, 20, 26, Dec. 7, 10, 11, 15, 16, 17, 18, 21, *1926* Jan. 11, 12, 13, 14, 15, 18, 19, 20, 22, 25, 27, 29, Feb. 2, 3, 9, 10, 18, 23, Mar. 23, 25, 30, Apr. 9, 12, 19, 23, 27, 28, 30, May 5, 11, 18, 20, 26, 28, June 1, 9, 17, 22, July 8, 21, Aug. 5, Sept. 1, 8, 12, 20, 26, 28, Nov. 1, 2, 3, 5.

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Total No. of Visits *8*