

State if Report is sent on the Machinery of the Vessel.....Yes

Survey held at Hackton-on-Sea Date First Survey 8th April 1924 Last Survey 4th October

On the ^{(State of Machinery fitted up and}
~~Single, Twin or Triple Screw)~~ Steamer "Southborough"

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings). *Complete Superstructure, with Tonnage Opening* State Type of Erections

TONNAGE under 4205.61 CLASS +100 a1. State if with freeboard 420 Built at Stockholm - on - Jess

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

Total

Gross Tonnage 4541.56

Register Tonnage 2754.42

REGISTERED DIMENSIONS.
FEET.

Length 399.5

Breadth..... 53.0

Depth 24.9

CLASS + 100 a1. State if with freeboard } Yes
as condition of Class }

Length from fore part of stem to after part of stern } **L** 399.0
post on summer L.W.L. See Sec. 3 (1a)

Breadth (*greatest moulded*) B 52.71
Depth, at middle of length from top of keel to top)

of beam at side of uppermost continuous deck. See Sec. 3 (1c) } D 38.50

1st Longitudinal Number ($L \times D$)..... = 14164.

Framing Depth "d," at middle of length. See { 24'-0"

Sec. 3 (1d) *For frames.....* } 23-1
Proportions—Depth to Length—Uppermost continuous deck to top of keel } 11.239

Do. Long Bridge to top }
of keel }

Draught Moulded 24 - 33/4

Launched 2A.S. 24 Yard No. 689.

Builders Richardson Bros. H. & C.

Owners The Hazelwood Shipping Co.

Managers *Miss Humphries (Cardiff)*
(Where necessary to be entered in Reg. Book.)

Residence Cardiff

Port of Registry *so*

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.
FRAMES, Spacing amidships	30			
" " from $\frac{1}{2}$ length to Collision bulkhead.....	27			
" " in peaks.....	24			
SIDE FRAMING.				
Frame Amidships, Angle, [or]	12	3 $\frac{1}{2}$.88	
" " Extends up to <i>2nd Deck</i>				
Reversed Frame Amidships, Angle	5	3 $\frac{1}{2}$.5	
" " Extends up to... <i>2nd Deck</i>				
Depth of Framing Girder	12			
Frames in Uppermost Continuous 'tween Decks, Angle, [or]	7	3 $\frac{1}{2}$.44	
" " Second 'tween Decks, Angle, [or]	60	27		
" " Third " " " "				
Framing in Peaks, Angle or [.....	7	3 $\frac{1}{2}$.44	
Diameter and Spacing of Rivets through Shell Plating	7/8	7-8	dia	
State if Frame Joggled	No			
PANTING ARRANGEMENTS (Sec. 7), state system and particulars <i>B. & frames, & vertical frame ✓</i>				
<i>& 3 side stringer + Bkt ✓</i>				
<i>Shell, Mid thickness, Double frames ✓</i>				
STRENGTHENING OF BOTTOM FORWARD. State Particulars <i>3 in x 4' spacing ✓</i>				
SINGLE BOTTOM.				
Floors, Depth and thickness at mid-line in Holds				
Height of Brackets at side above base line at toe of frame				
Middle Line Keelson, on Floors, Angles, [or]				
" " Through Plate or Intercoastal Plate....				
" " Foundation Plate on Floors				
" " Flat Plate Keel Angles				
Side Keelsions, No. each side				
" " thickness of Intercoastal Plate...				
" " Angles				
DOUBLE BOTTOM.				
Solid Floors, thickness and spacing	4	27	30, 90	
" " Are Frame and Reversed Frame joggled?.....	No			
Bracket Floors, breadth and thickness at middle line.....	45		.4	
" " breadth and thickness at margin plate.....	77		.4	

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.....		Three		Stringer Plate, breadth and thickness in way of Bridge		✓	
" in 'tween Decks, Size and Spacing.....		2 3/8 60-54		Thickness of Plating abreast Deck openings in way of Wells		✓	
" " " " " { 2 1/2 - 4 1/4 wide				Thickness of Plating abreast Deck openings in way of Bridge		✓	
" " " " " { spaced & girders				If Sheathed, material and thickness		✓	
" " " " " { # wide spaced and girders				Third Deck.			
Centre Line Bulkhead.				Stringer Plate, breadth and thickness.....			
Stiffeners and Spacing.....		6 1/2 x 3 1/2 .36		If Plated, state thickness.....			
Plating, thickness of		11 3 1/2 .62		Fourth Deck.			
		@ 57 1/2 - 60		Stringer Plate, breadth and thickness.....			
		.3		If Plated, state thickness			
STRINGERS AND DECKS.				Poop Deck.			
Uppermost Continuous Deck.				Stringer Plate, breadth and thickness			
Stringer Plate, breadth and thickness in Wells		61-38 1/2		Plating, Sheathing, material and thickness ..			
" " " " " in way of Bridge		56 1/4 1 1/2		Bridge Deck.			
" Angle in Wells		6 3 1/2 6 1/2 .56		Stringer Plate, breadth and thickness.....			
Thickness of Plating abreast Deck openings in way of Wells		3 1/2 3 1/2 4 1/2 3 1/4		Plating, Sheathing, material and thickness ..			
Thickness of Plating abreast Deck openings in way of Bridge5-1 1/2		Forecastle Deck.			
If Sheathed, material and thickness		✓		Stringer Plate, breadth and thickness.....		35	.36
Second Deck.				Plating, Sheathing, material and thickness ..		34	.42
Stringer Plate, breadth and thickness in Wells		72 .48-38					

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.	
	Inches.	Inches.	Inches.	Inches.			Inches.	Inches.		Inches.	Inches.		
FLAT PLATE KEEL	51	.76	.66	.66		Double	1	3 3/4	Four	1	3 3/4	Lapped	
" DBLG. (if any)	✓	✓											
BOTTOM PLATING, No. } of Strakes 4	72	.58	.48/54	.5/54		"	7/8	3 1/2	Three	7/8	3 1/2	"	
BILGE PLATING, No. of } Strakes One	66	"	.48	.5		"	"	"	"	"	"	"	
SIDE PLATING, No. of } Strakes 5	66 1/2	"	.46	.46/5		"	"	"	"	"	"	"	
UPPER DECK, Sheer- } strake in Wells	50	.66	.46	.48		✓			Four	"	3 1/2	"	
UPPER DECK, Sheer- } strake in Bridge ...	✓												
STRAKE BELOW Sheer- } strake in Wells	50	.62	.46	.46		"	"	"	"	"	"	"	
STRAKE BELOW Sheer- } strake in Bridge ...	✓												
POOP SIDE PLATING	✓												
BRIDGE SIDE PLATING ...	✓												
FORECASTLE SIDE PLATING			.42			Single	3/4	3	Two	3/4	2 3/8	"	

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel— *Six* ✓
 Extending to Upper Deck (Sec. 3 c) *One Collision Bulk* ✓
 „ Deck next below *Five* ✓
 As per Rule. *One to Upper & Five to 2nd Hk.* ✓

		Plating Thickness.	STIFFENERS.				
			VERTICAL.		HORIZONTAL.		
			Scantlings.	Spacing.	Scantlings.	Spacing.	
MIDSHIP BULKHEAD, Tween decks...		✓					
"	"	✓					
"	"	✓					
"	"	✓					
"	"	✓					
"	"	✓					
"	"	✓					
Collarion	"	✓	26	74½ x 3/4 x 34	24	✓	✓
Midship	"	✓	26	74½ x 3/4 x 34	24	✓	✓
Holds		✓	26	74½ x 3/4 x 34	24	✓	✓
(in Hold)		✓	26	74½ x 3/4 x 34	24	✓	✓
COLLISION		✓	26	74½ x 3/4 x 34	24	✓	✓
AFTER PEAK		✓	26	74½ x 3/4 x 34	24	✓	✓

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar				
STEM	Roll'd Steel	9 $\frac{1}{2}$ x 2 $\frac{1}{2}$	M. Beardmore	
STERN FRAME {	Propeller Post	Scrap	10 $\frac{1}{2}$ x 7 $\frac{1}{2}$	J.P. Forester
	Rudder „	Iron	9 x 7 $\frac{1}{2}$	—
RUDDER—A x D.....	4.7.2.72	D.O.	—	—
Speed of Vessel.....		10 knots	—	—
RUDDER mainpiece at head ...		9 3/4	D.O.	
„ „ heel ...		7 3/8	✓	
„ how constructed		Amos at painter		
„ double or single plate		1.03"	✓	
„ coupling, vertical or		Horizontal	✓	
„ horizontal.....				

STEEL.

Manufacturer's name or trade mark of the Steel used in the construction of the Vessel (state process of manufacture) *Gun Hearth South Durham*
Boleken Vaughan, Dorman Long Cargo Hdd. Skinningo
Has the Steel been tested as required by the Rules? *Yes*

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 the Plans should be embodied.)

Approved plans:— Profile & Deck, Midship Section, Stiffening of bottom forward, Panting away, Collision B.D. framing forward, Engine & Boiler casing, Pillars & girders, Framing at bilge, Storing arrangements in lieu of hand stowing gear, Stern frame, ladder. (10 in 24).

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

1st Bower	38.2.24. mm. a 3969 11.4.24
2nd "	38.2.22 " " a 3966 " " "
3rd "	31.0.27 CB a 4158 14.7.24

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. ☒ ft., Bridge ☒ ft., Forecastle 37 ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated ☒

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

25 Ks (2M) & 14 Ks (2M)

Official No. 148275; Signal Letters

If bottom of Vessel has been coated Inside

particulars of composition Bottom in B. Room & bilges coated with cement, cement fillers in rest of bottom. Tanks cement washed & kept dry tank under Boilers & after Peak tank, which are coated with Camelf.

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	137.5	419	Fore peak tank,	21.5	110
Double bottom, under Engines and Boilers, 162.5	✓	✓	After peak tank,	20.0	123
Double bottom, if under Engines only,	25.0	116	Deep tank, aft,		✓
Double bottom, if under Boilers only,	✓	✓	Deep tank, forward,		✓
Double bottom, forward,	173.5	671	Other tanks, if fitted,		✓
Total capacity of double bottom		1206	(If necessary, furnish further information by sketch.)		

The boiler room is a dry tank with openings & was not listed.

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

Order for Special Survey No. 1389

Date 24.3.24

Dates of Surveys held while building

1924 Apr. 8. 10. 11. 15. 14. 24. 28. 30. May 13. 15. 18. 20. 22. 28. June 2. 4. 6. 12. 18. 23. 26. 30. July 3. 8. 10. 16. 18. 21. 22. 28. 29. 31. Aug. 5. 6. 4. 11. 12. 14. Sept. 2. 5. 9. 10. 11. 16. 14. 18. 19. 23. 26. 29. Oct. 1. 2. 3. 3. 6. 4.

Total No. of Visits

56