

With or Without  
Disconnected Erections.

STEEL STEAMER.

Received at London 14th AUG. 1924

Date of completion of report 12th August 1924 Port of Middlesbrough  
Survey held at Stockton-on-Tees Date, First Survey 11th March 1924 Last Survey 8th August 1924

On the (Steam) Single Screw Steamer Seaton. 90673 Rig Fore and aft.

TONNAGE under 1167.61

Tonnage Deck 1167.61

Do. between Tonnage Dk. and 3rd and 4th Dk. 1167.61

Total under Upper Dk. 1167.61

Do. of Poop 1167.61

Do. of R.Q.Dk. 1167.61

Do. of Bridge House 1167.61

Do. of Forecastle 1167.61

Do. of Houses on Dk. 1167.61

Do. of access of Hatchways 1167.61

Do. above Crown of 1167.61

Engine Room 1167.61

Gross Tonnage 1167.61

Less Crew Space 1167.61

Less above Crown of 1167.61

Engine Room 1167.61

TONNAGE FOR FEES 1167.61

Less Engine Room 1167.61

Less Navigation Spaces 1167.61

See 79 1167.61

Register Tonnage 1167.61

as cut on Beam 1167.61

CLASS 100 A.I.

FEET.

Breadth (greatest moulded) 36.5

Depth, at middle of length from top of keel to top of 18.08

upper deck beams at side 18.08

Do. to Rigid Quarter Deck 21.66

Transverse Number 21.66

Length on deck from fore part of stem to after part of 248

stern post 248

Longitudinal Number L x D 445.4

L x (B + D) 1353.6

Depth "d," at middle of length (See Secs. 2 & 13) 14.95

Proportions—Depths to Length—Upper Deck Beam at 18.72

side to top of keel 18.72

Long Bridge Deck 11.48

Beam at side to top of keel 11.48

Destined Voyage

Master

Year of appointment

Built at Stockton-on-Tees

When built 1924 Launched 17th June 1924

By whom built Craig & Taylor & Co. Ltd.

Owners H. Harrison (Shipping) Ltd.

Managers

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

Residence London

Port belonging to

Port belonging to

Port belonging to

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LENGTH on Deck	Feet.	Inches.	BREADTH—	Feet.	Inches.	DEPTH, ACTUAL—	Top of Floors to top of Upper Dk. Beams	Feet.	Inches.	No. of Decks with flat laid
as per Rule	248	0	Moulded	36	6	Do.	Do.	15	11	One

Dimensions of Ship per Register, Length 248.0 breadth 36.75 depth 15.85 Moulded depth, ft. 21 ins. 8 To Bridge Dk. Round of Upper Dk. Beam, Actual 9 1/4 ins.

FRAMING.						PILLARS.					
	In Ship.	In Ship.	In Ship.	per Rule Or as Approved.	per Rule Or as Approved.		Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.
FRAME, Angles, or Bars amidships	7 1/2	3	38	7 1/2	3	PILLARS In 'tween Deck, size and spacing	29 1/2	48	25 1/2	48	
Do. in peaks	8 1/2	3	34	8 1/2	3	" " Hold					
Do. in way of Double Bottoms at Solid Floors...	3	3	32	3	3	" " Quarter 'tween Dks.,					
" " " 7 at intermdt. Bkts.	6	3	34	6	3	" " in Hold					
spacing of Frames from centre to centre amidships	24	.	.	24	.						
" " " from 1/2 length to Collision bulkhead	"	.	.	"	.						
" " " in peaks..	"	.	.	"	.						
EVERSED FRAME, Angles.....	.	.	.	.	.						
Do. in way of Double Bottoms at Solid Floors...	3	3	32	3	3						
" " " 7 at intermdt. Bkts.	5 1/2	3	34	5 1/2	3						
RAMING, depth of girder .....	.	.	.	.	.						
LOORS, depth and thickness of Floor Plate } at mid-line for 1/2 length amidships... }	.	.	.	.	.						
" " in way of Engine and Boiler Spaces .....	.	.	.	.	.						
" " thickness at the ends of vessel .....	.	.	.	.	.						
" " depth at 1/2 the half breadth, as per Rule ...	.	.	.	.	.						
" " height extended at the Bilges .....	.	.	.	.	.						
LOORS in Cell, Double Bottoms.....	.	.	32	.	32						
" " state if flanged (top or bottom).....			either								
" " Spacing of Solid floors .....	48	24	48	24							
ENTRE GIRDER, in Dbl. bottom, dpth. & thcknss.	35	42	36	35	42						
" " Angles, Top .....	3	3	4	3	4						
" " Bottom.....	3 1/2	3 1/2	4 1/4	3 1/2	4 1/4						
" " to Floors .....	3	3	32	3	32						
" " Brackets at intermdt. frmg., wdth & thknss	30	.	32	30	32						
DE GIRDERS, number on each side & thickness	one	.	32	one	32						
" " state if flanged (top and bottom)			either								
" " Angles (top and bottom) .....	3	3	32	3	32						
" " to Floors.....	2 1/2	2 1/2	3	2 1/2	3						
MARGIN PLATE, depth (exclusive of flange) } and thickness..... }	33	34	36	33	36						
" " Angle to Outside Plating.....	3	3	4	3	4						
" " Floors .....	3	3	32	3	32						
" " Brackets at intermdt. frmg., wdth & thknss	26	.	32	26	32						
" " Height of Outside Brackets above at bilge	19	.	.	19	.						
NER BOTTOM PLATING, breadth and } thickness of Middle Line Strake }	43	5	34	43	38						
" " in Engine and Boiler space	1.38	18.48	1.38	18.48							
" " Remainder in Holds.....	5	38	.	32	3						
AMS, Upper Deck, Single Angle, Bulb } Angle, Plate, Tee Bulb, or Channel }	6 1/2	3 1/2	4	6 1/2	3 1/2						
" " In way of Long Bridge .....											
" " Spacing .....	24	.	.	24	.						
AMS, Second Deck, Single Angle, Bulb } Angle, Plate, Tee Bulb, or Channel }	6 1/2	3 1/2	4	6 1/2	3 1/2						
" " Spacing .....	24	.	.	24	.						
AMS, Third and Fourth Deck, Single Angle, } Bulb Angle, Plate, Tee Bulb, or Channel }	.	.	.	.	.						
" " Angles on upper edge .....	.	.	.	.	.						
" " Spacing .....	.	.	.	.	.						
AMS, Poop Deck, Angle, Bulb Angle, Plate, } Tee Bulb, or Channel .....	.	.	.	.	.						
" " Angles on upper edge .....	.	.	.	.	.						
" " Spacing .....	.	.	.	.	.						
AMS, Bridge Deck, Angle, Bulb Angle, Plate, } Tee Bulb, or Channel .....	4	3	38	4	3						
" " Angles on upper edge .....	.	.	.	.	.						
" " Spacing .....	28	33	.	28	33						
AMS, Forecastle Deck, Angle, Bulb Angle, } Plate, Tee Bulb, or Channel .....	8 1/2	3	43	8 1/2	3						
" " Angles on upper edge .....	.	.	.	.	.						
" " Spacing .....	24	48	.	24	48						

KEELSONS & STRINGERS.						Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.	
CENTRE LINE KEELSON, Vertical Plate above } floors, Through Plate, or Intercostal Plate }											
" Rider Plate.....											
" Flat Plate Keel Angles .....											
" Horizontal Plates on Floors .....											
" Angles or Bulb Angles .....											
SIDE KEELSONS, Number .....											
" Angles or Bulb Angles .....											
" Plate above floors, for length....											
" Intercostal Plate, for length.....											
" Attached to outside Plating with Angle...											
BILGE KEELSON, Angles .....											
" Intercostal Plate for length.....											
" Attached to outside Plating with Angle ...											
SIDE STRINGERS, Number .....											
" " Angle .....						5	3 1/2	5	3 1/2	5	
" Intercostal Plate, for full length ....								38		38	
" Attached to outside plating with Angle.....						5	5	44	5	5	34
Upper Deck Stringer Plate, br'dth & thickness } (clear of Bridge) }						60	31	86	60	31	86
" " " " " br'dth & thickness } (in way of Bridge) }											
" " " " Angle (clear of Bridge) ...						6 x 6	.	6	6 x 6	.	6
" " Tie Plate at sides of Hatchways.....						.	.	.	.	.	.
" Deck. * Iron or Steel, for full lng.						.	.	.	.	.	.
" Thickness (clear of Bridge) .....						.	3	.	.	3	.
" " (in way of Bridge) .....						.	.	.	.	.	.
" Wood Deck. Material & thickness						.	.	.	.	.	.
Second Deck Stringer Plate, br'dth & thickness						60	31	86	60	31	86
" Angles on ditto, No. one						5 x 5	52	5 x 5	52		
" Tie Plates outside Hatchways .....						.	.	.	.	.	.
" Deck. * Iron or Steel, for full lng.						.	3	.	.	3	.
" Wood Deck. Material & thickness						.	.	.	.	.	.
Third Deck Stringer Plate, br'dth & thickness											
" Angles on ditto, No. ....											
" Tie Plates, outside Hatchways.....											
" Deck. * Material and thickness											
Fourth and Fifth Deck Stringer Plate, } breadth & thickness }											
" " Angles on ditto, No. ....											
" " Tie Plates outside Hatchways											
" " Deck. Material & thickness											
Poop Deck Stringer Plate, breadth & thickness											
" Angle on ditto .....											
" Tie Plates .....											
" Deck. Material and thickness											
Bridge Deck Stringer Plate, br'dth & thickness						15	25	15	25		
" Angle on ditto.....						3 x 3	4	3 x 3	4		
" Tie Plates.....							25		25		
" Deck. Material and thickness						5 x 2 1/2	RP	5 x 2 1/2	RP		
Forecastle Deck Stringer Plate, b'dth & th'kns						23	3	23	3		
" Angle on ditto.....						3 x 3	34	3 x 3	34		
" Tie Plates .....						.	.	.	.		
" Deck. Material and thickness						1 1/4 x 5 1/2	RP	1 1/4 x 5 1/2	RP		

\* If Iron or Steel Deck, state if whole or part, and if Wood Deck is laid thereon.

4520-19900-550400



WEB FRAMES.		Inches in Ship.	Inches in Ship.	Inches per Rule. Or as Approved.	Inches per Rule. Or as Approved.	FORGINGS or CASTINGS.		Inches in Ship.	Inches per Rule. Or as Approved.
WEB-FRAMES, In Fore Body, No. and spacing		Deep Framing				KEEL, Bar, depth and thickness			
" " " brdth. & thickness						STEM, moulding and thickness		7 1/2 x 1 7/8	7 1/2 x 1 7/8
" No. of Side Stringers " "						STERN-POST for Rudder do. do.		6 1/2 x 5 1/4	6 1/2 x 5 1/4
WEB-FRAMES, In E. & B. Space, No. & spacing		One		One		" for Propeller		7 x 5 1/4	7 x 5 1/4
" " " brdth. & thickness		20		38	20	38	RUDDER—A x D* Table 22. Speed	10 1/2	10 1/2
WEB-FRAMES, In After Body, No. and spacing						" Main-Piece, diameter at head		6 1/2	6 1/2
" " " brdth. & thickness						" " at heel		4 7/8	4 7/8
" No. of Side Stringers " "		5 x 3		34	5 x 3	34			
" Size of Face Angles to Web-Frames.....									
BRACKET PLATES to Stringers between Web Frames, depth and thickness.....									

BULKHEADS.	Number.	Thickness.	STIFFENERS.				Single or Double Frames.	Height up, state deck.
			Horizontal.	Vertical.	Size.	Spacing.		
W.T. BULKHEADS	4	3/4	15 B. 23	5 1/2 x 3 1/4	24	Single R.A.T.		
	47	28/64		17 1/2 x 2 1/2	31			
	66	28/64						
.. COLLISION ..	116	3/4	15 B. 23	7 1/2 x 3 1/4	24			
PARTITION ..								
LONGITUDINAL ..								

RUDDER, how constructed	Horizontal
Thickness of Plates or Single Plate	84
Can the Rudder be unshipped afloat?	Yes

Manufacturer's name or trade mark of the Iron or Steel (state process of manufacture of Steel) used for Frames, Floors, Beams, Keelsons, Tie and Stringer Plates, Plating, &c.?

Open hearth  
South Durham, Bolton, Vaughan, Cargo Steel,  
Dorman Long, Skinningrove.

Has the Steel been tested as required by the Rules? Yes

Are the outside Plates doubled two spaces of Frames in length? Yes

Are the Sluice Valves and Watertight Doors in efficient working order? Yes

PLATING.							RIVETING.										
STRAKES.	AS IN SHIP.				PER RULE OR AS APPROVED.		EDGES.			BUTTS.							
	AMIDSHIP.		FORWARD.	AFT.	AMIDSHIP.		Ordinary or Joggled?	RIVETS.		Double or Treble and for what Length.		RIVETS.		STRAPS.		IF LAPPED.	
	Breadth.	Thickness.	Thickness.	Thickness.	Breadth.	Thickness.	Single or Double.	Breadth of Lap.	Diam.	Spacing or to cr.	Diam.	Spacing or to cr.	Breadth.	Thickness.	Breadth.	For what Length.	
FLAT PLATE KEEL.....	44 1/2	53	49	49	44	53	Double	5 1/4	7/8	3 3/4	Double	7/8	3 3/4			9	Full
GARBOARD or A Strake	59	44	42	4		44	"	4 1/2	3/4	3	J-D	3/4	2 7/8			7 1/2	5
State actual Thickness in way of Double Bottom.			44	42			"	"	"	"	"	"	"			"	"
B							"	"	"	"	"	"	"			"	"
C				44			"	"	"	"	"	"	"			"	"
D	66		39	4			"	"	"	"	"	"	"			"	"
E	65						"	"	"	"	"	"	"			"	"
F	66			39			"	5 1/4	7/8	3 3/4	"	"	"			"	"
4 1/2 Sheer					63	48	"	"	"	"	"	"	"			"	"
2 1/2 " "					46	52	"	"	"	"	2-J	7/8	3 1/2	3 1/2		12	9
1 1/2 " "			78			78	"	"	"	"	"	"	"			"	"
K																	
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THICKNESS OF SHEER KEEL CLEAR OF LONG BRIDGE			82			82	Double	5 1/4	7/8	3 3/4	Double	7/8	3 3/4			17 1/2	14
DO. OF STRAKE BELOW			46			46	"	"	"	"	Double	3/4	2 7/8			7 1/2	
DBLG. of Flat Plate Keel																	
" Sheerstrakes																	
Length and thickness.																	
POOP SIDES																	
SHORT BRIDGE SIDES			31				Single	2 1/2	3/4	3							
FORECASTLE SIDES			31				"	"	"	"	Double	3/4	2 7/8			5	

\* Where a long bridge is fitted the thickness of Upper Deck Sheerstrake and Strake below should also be stated clear of same.

Upper Deck	Butts, 2-J riveted for	full	length amidship.
Stringer Plate	Straps, single, double or overlapped for	"	length amidship.
Second Deck	Butts, 2-J riveted for	"	length amidship.
Stringer Plate	Straps, single or overlapped for	"	length amidship.

Butts of Side Stringers		riveted.
Tie Plates		riveted.
Inner Bottom Plating, riveting of Edges	Single	in line, double
Centre Girder Butts,	Double	Butts, 2-J riveted.
Keelson Butts,		riveted.
Frames, riveted through Plates with	3/4 in. Rivets, about	7-8 1/2 in. apart.
Rivets, state whether Iron or Steel	Iron.	

FRAMES extend in one length from	Centre girder to margin, thence to U & R. Q. No.	State if ordinary or joggled	Joggled in 11 ft.
REVERSED FRAMES on floors and frames extend from	Centre girder to margin	State if ordinary or joggled	"

MASTS, SPARS, &c.											
	Material.	Total Length.	DIAMETER AND THICKNESS.				No. of Plates in round.	ANGLES.		RIVETING.	
			At Partners.	Heel.	Hounds.	Head.		Number.	Size.	Seams.	Butts.
LOWER MASTS.....	Fore	58'-0"	19" x 5"	17 1/2" x 3"	18" x 3"	Two			Single	Double	
	Main	47'-6"	"	"	18 1/2" x 2"	"			"	"	
	Mizen										
Bowsprit											
Topmasts, Yards and Remainder of Spars											
Rigging, Material and Size, Shrouds											
Sails.											







GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. 186.52 ft., <sup>House</sup> Bridge 10 ft., Forecastle 27.5 ft.  
(in feet and tenths). When the Poop is joined to the B.D. this should be distinctly stated.  
*The Bridge house is built on the top of the R. Q. D.*

No. and Material of Decks (if Iron or Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (this information is to be given as it should appear in the Register Book) 1st (Oak)

Official No. 147701; Signal Letters

State if Machinery is fitted aft No

How are the surfaces preserved from oxidation? Inside Paint, & cement throughout on bottom. Outside Paint

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors C<sup>d</sup> ABm.

Where Fitted.	Length.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,	<u>76</u>	<u>178</u>	Fore peak tank,		
Double bottom, under Engines and Boilers,	<u>30</u>	<u>75</u>	After peak tank,		<u>104</u>
Double bottom, if under Engines only,	<u>✓</u>	<u>✓</u>	Deep tank, aft,		<u>97</u>
Double bottom, if under Boilers only,	<u>✓</u>	<u>✓</u>	Deep tank, forward,		<u>✓</u>
Double bottom, forward,	<u>104</u>	<u>226</u>	Other tanks, if fitted,		<u>✓</u>
Total capacity of double bottom		<u>479</u>	(If necessary, furnish further information by sketch.)		<u>✓</u>

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

State whether the above have been tested as required by the Rules Yes

Order for Special Survey No. 1381

Date 15. 2. 24.

No. 215 in builder's yard.

DATES of Surveys held while building

1924 Mar 11. 14. 18. 20. 24. 26. 28. 31. Apr 1. 2. 4. 8. 10. 14. 16. 23. May 1. 5. 7. 16. 21. 23. 26. 28. 29. 31. June 3. 5. 6. 11. 13. 16. 17. 18. 24. 26. July 2. 4. 11. 15. 17. 22. 24. 25. 28. 30 Aug. 8.

Surveyor's Signature



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Total No. of Visits 44

Lloyd's Register Foundation