

With or Without Disconnected Erections.

STEEL STEAMER.

Received at London Office JUN 20 1912

Date of completion of report 19.6.12 State if Report is also sent on the Machinery of the Vessel *Yes*
 Survey held at *Stockton* Port of *Middlesbrough-on-Sea*
 On the *S.S. Norvington* Date, First Survey *27th Nov. 1911* Last Survey *11th Nov. 1912*
 TONNAGE under Tonnage Deck *3228.69* CLASS *+100A1* FEET. Master *Alfred Spencer*
 Do. between Tonnage Dk. and 3rd and 4th Dk. *✓* Breadth (greatest moulded) *49.67* Year of appointment *1903*
 Total under Upper Dk. *✓* Depth, at middle of length from top of keel to top of upper deck beams at side *24.00* Built at *Stockton-on-Sea*
 Do. of Poop *Char House* *5.79* Transverse Number *73.67* When built *1912* Launched *14.5.12*
 Do. of R.Q.Dk. *✓* Length on deck from fore part of stem to after part of stern post *361.87* By whom built *Richardson Black H&Co*
 Do. of Bridge House *13.94* Longitudinal Number *26658* Owners *Southdown S.S. Co. Ltd*
 Do. of Forecastle *64.22* Depth "d," at middle of length (See Secs. 2 & 13) *20.68* Managers *Bill Symonson & Co*
 Do. of Houses on Dk. *97.62* Proportions—Depths to Length—Upper Deck Beam at side to top of keel *15.07* Residence *London*
 Do. of excess of Hatchways *22.76* " " Long Bridge Deck Beam at side to top of keel *11.2* Port belonging to *London*
 Do. above Crown of Engine Room *8.88* Destined Voyage *River Plate* # Surveyed while Building, Afloat, or in Dry Dock *Yes Smiths*
 Gross Tonnage *3441.90*
 Less Crew Space *138.68*
 Less above Crown of Engine Room *8.88*
 Tonnage for Fees *3294.34*
 Less Engine Room *1101.41*
 Less Navigation Spaces *102.18*
 Net Tonnage *2090.75*
 Register Tonnage as cut on Beam *2099.63*

LENGTH on Deck as per Rule			BREADTH—Moulded			DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams			Feet. Inches.			No. of Decks with flat laid		
361	10 1/2		49	8 1/2		Do.	do.	do.	do.	21	7 1/4	2	1	One
Moulded depth, ft. 32 ins. 1 3/8 To Bridge Dk. Round of Upper Dk. Beam, Actual 13 1/4 ins.														
Moulded depth, ft. 24 ins. 0 To Upper Dk.														
FRAMING.						PILLARS.						KEELSONS & STRINGERS.		
FRAME, Angles, or Bars amidships						PILLARS, In 'tween Deck, size and spacing						CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate		
Do. in peaks	9 1/2	3 1/2	5 1/2	9 1/2	3 1/2	2 7/8	50	2 7/8	50					
Do. in way of Double Bottoms at Solid Floors	5 1/2	3 1/2	3 1/2	5 1/2	3 1/2	4 3/4	50	4 3/4	50					
Do. in way of Double Bottoms at intermdt. Bkts.	5 1/2	3 1/2	3 1/2	5 1/2	3 1/2	-	-	-	-					
Spacing of Frames from centre to centre amidships	25	-	-	25	-	-	-	-	-					
Do. in peaks	25	-	-	25	-	Rider Plate								
Do. in way of Double Bottoms at Collision bulkhead	24	-	-	24	-	Flat Plate Keel Angles								
Do. in way of Double Bottoms at intermdt. Bkts.	3	3 1/2	3 1/2	3	3 1/2	Horizontal Plates on Floors								
REVERSED FRAME, Angles	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	Angles or Bulb Angles								
Do. in way of Double Bottoms at Solid Floors	-	-	-	-	-	SIDE KEELSONS, Number								
Do. in way of Double Bottoms at intermdt. Bkts.	-	-	-	-	-	Angles or Bulb Angles								
FRAMING, depth of girder	-	-	-	-	-	Plate above floors, for length								
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships	-	-	-	-	-	Intercoastal Plate, for length								
Do. in way of Engine and Boiler Spaces	-	-	-	-	-	Attached to outside Plating with Angle								
Do. thickness at the ends of vessel	-	-	-	-	-	BILGE KEELSON, Angles								
Do. depth at 1/2 the half breadth, as per Rule	-	-	-	-	-	Intercoastal Plate, for length								
Do. height extended at the Bilges	-	-	-	-	-	Attached to outside Plating with Angle								
FLOORS & BRACKETS in Cell Dble Bottoms						SIDE STRINGERS, Number								
Do. state if flanged (top & bottom)	38	36	-	38	36	Angles								
Do. Spacing	50	-	-	50	-	Intercoastal Plate, for length								
CENTRE GIRDER, in Dbl. bottom, dpth. & thicknss.	42	5	4	41	5	Attached to outside plating with Angle								
Do. Angles, Top	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)								
Do. Bottom	4 1/2	4 1/2	5 1/2	4 1/2	4 1/2	Do. br'dth & thickness (in way of Bridge)								
Do. to Floors	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	Do. Angle (clear of Bridge)								
SIDE GIRDERS, number on each side & thickness	2	36	36	2	36	Tie Plate at sides of Hatchways								
Do. state if flanged (top and bottom)	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	Deck, Iron or Steel, for length								
Do. Angles (top and bottom)	3	3	3 1/2	3	3 1/2	Thickness (clear of Bridge)								
Do. to Floors	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	(in way of Bridge)								
MARGIN PLATE, depth (exclusive of flange) and thickness	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	Wood Deck. Material & thicknss								
Do. Angles to Outside Plating	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	Second Deck Stringer Plate, br'dth & thickness								
Do. Floors	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	Angles on ditto, No.								
Do. Height of Brackets above at bilge	23	-	-	23	-	Tie Plates outside Hatchways								
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	5 1/2	4 1/2	4 1/2	4 1/2	4 1/2	Deck, Iron or Steel, for length								
Do. in Engine and Boiler space	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	Wood Deck. Material & thickness								
Do. Remainder in Holds	4 1/2	-	-	4 1/2	-	Third Deck Stringer Plate, br'dth & thickness								
BEAMS, Upper Deck, Single Angle, Bulb, Angle, Plate, Tee Bulb, or Channel	9	3 1/2	5 1/2	9	3 1/2	Angles on ditto, No.								
Do. Angles on upper edge	8 1/2	3	5 1/2	8 1/2	3	Tie Plates, outside Hatchways								
Do. In way of Long Bridge	8 1/2	3 1/2	5 1/2	8 1/2	3 1/2	Deck, Material and thickness								
Do. Spacing	25	-	-	25	-	Fourth and Fifth Deck Stringer Plate, breadth & thickness								
BEAMS, Second Deck, Single Angle, Bulb, Angle, Plate, Tee Bulb, or Channel	-	-	-	-	-	Angles on ditto, No.								
Do. Angles on upper edge	-	-	-	-	-	Tie Plates outside Hatchways								
Do. Spacing	-	-	-	-	-	Deck, Material & thickness								
BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	-	-	-	-	-	Poop Deck Stringer Plate, breadth & thickness								
Do. Angles on upper edge	-	-	-	-	-	Angle on ditto								
Do. Spacing	-	-	-	-	-	Tie Plates								
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	6 1/2	3	4 1/2	6 1/2	3	Deck, Material and thickness								
Do. Angles on upper edge	5 1/2	3	4 1/2	5 1/2	3	Bridge Deck Stringer Plate, br'dth & thickness								
Do. Spacing	24	25	-	24	25	Angle on ditto								
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	8 1/2	3	4 1/2	8 1/2	3	Tie Plates								
Do. Angles on upper edge	7	3	4 1/2	7	3	Deck, Material and thickness								
Do. Spacing	25	-	-	25	-	Forecastle Deck Stringer Plate, br'dth & th'kns								
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	5 1/2	3	4 1/2	5 1/2	3	Angle on ditto								
Do. Angles on upper edge	-	-	-	-	-	Tie Plates								
Do. Spacing	24	25	-	24	25	Deck, Material and thickness								
						* If Iron or Steel Deck, state if whole or part, and if Wood Deck is laid thereon.								

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

WEB FRAMES.				FORGINGS or CASTINGS.			
Inches in Ship.				Inches in Ship.			
WEB-FRAMES, In Fore Body, No. and spacing				KEEL, Bar, depth and thickness			
" " " brdth. & thickness				STEM, moulding and thickness			
" No. of Side Stringers " "				STERN-POST for Rudder do. do.			
WEB-FRAMES, In E. & B. Space, No. and spacing				" for Propeller			
brdth. & thickness				RUDDER-A&D* Table 22. Speed			
WEB-FRAMES, In After Body, No. and spacing				" Main-Piece, diameter at head			
brdth. & thickness				" " " at heel			
" No. of Side Stringers " "				" " " " "			
Size of Face Angles to Web-Frames				" " " " "			
BRACKET PLATES to Stringers between				" " " " "			
Web Frames, depth and thickness				" " " " "			
BULKHEADS.				RUDDER, how constructed			
Number. Thickness. Horizontal. Vertical. Single or Double Frames. Height up.				" Thickness of Plates or Single Plate			
W.T. BULKHEADS				Can the Rudder be unshipped afloat?			
COLLISION " "				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.?			
PARTITION " "				Plates, Plating, &c.?			
LONGITUDINAL " "				Has the Steel been tested as required by the Rules?			
Are the outside Plates doubled two spaces of Frames in length?				Are the Steel Valves and Watertight Doors in efficient working order?			
PLATING.				RIVETING.			
AS IN SHIP.				EDGES.			
PER RULE OR AS APPROVED.				BUTTS.			
STRAKES.				IF LAPPED.			
FLAT PLATE KEEL				GABBOARD OF A Strake			
State actual thickness in way of Double Bottom.				State actual thickness in way of Double Bottom.			
THICKNESS OF SHEERSTRAKE				CLEAR OF LONG BRIDGE			
Do. OF STRAKE BELOW				DBLG. of Flat Plate Keel			
Sheerstrakes				Length and thickness.			
POOP SIDES				SHORT BRIDGE SIDES			
FORECASTLE SIDES				FORECASTLE SIDES			
Upper Deck				Butts of Side Stringers			
Stringer Plate				Tie Plates			
Second Deck				Inner Bottom Plating, riveting of Edges			
Stringer Plate				Centre Girder Butts			
Frames, riveted through Plates with				Rivets, state whether Iron or Steel			
FRAMES extend in one length from				REVERSED FRAMES on floors and frames extend from			
MASTS, SPARS, &c.				MASTS, SPARS, &c.			
LOWER MASTS				BOWSPRIT			
Topmasts, Yards and Remainder of Spars				Rigging, Material and Size, Shrouds			
Sails				Sails, and the following spare sails			

EQUIPMENT No. 28644				ANCHORS.				TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS			
LETTER				WEIGHT REQUIRED BY TABLE 31.				Description of Anchor.			
Number of Certificate.				Makers.				Where and when tested and Superintendent.			
38815				1st Bower				38812			
38816				2nd "				38817			
66707				3rd "				66708			
66709				4th "				66710			
66711				Collective weight				66712			
66713				Stream				66714			
66715				Kedge				66716			
66717				66718				66719			
66720				66721				66722			
66723				66724				66725			
66726				66727				66728			
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66750				66751				66752			
66753				66754				66755			
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66759				66760				66761			
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67											

GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 21.25 ft., R.Q.D. ☒ ft., Bridge 20.7 ft., Forecastle 37.16 ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated ☒

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) 10k (all)

Official No. 132729; Signal Letters _____ State if Machinery is fitted aft no

How are the surfaces preserved from oxidation? Inside Paint & Cement Outside Paint

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors. cell? bxb^m

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	<u>118.75</u>	<u>448</u>	Fore peak tank,	<u>21.33</u>	<u>125</u>
Double bottom, under Engines and Boilers,	<u>43.75</u>	<u>163</u>	After peak tank,	<u>18.0</u>	<u>102</u>
Double bottom, if under Engines only,	<u>✓</u>	<u>✓</u>	Deep tank, aft,	<u>✓</u>	<u>✓</u>
Double bottom, if under Boilers only,	<u>✓</u>	<u>✓</u>	Deep tank, forward,	<u>✓</u>	<u>✓</u>
Double bottom, forward,	<u>154.16</u>	<u>575</u>	Other tanks, if fitted,	<u>✓</u>	<u>✓</u>
Total capacity of double bottom		<u>1126</u>	(If necessary, furnish further information by sketch.)		

* 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. 156

Date 7th Dec. 1911
No. 625 in builder's yard.

DATES of Surveys held while building

1911. Nov. 27. 29. Dec. 1. 12. 15. 27. 1912. Jan. 4. 16. 19. 29. Feb. 6. 8. 13. 16. 19. 26. 27. 29. Mar. 1. 6. 8. 13. 18. 20. 25. 29. Apr. 3. 10. 12. 16. 19. 23. 24. 26. 29. May 2. 6. 8. 14. 16. 20. 24. 30. June 1. 6. 7. 8. 10. 11.

Surveyor's Signature

B. B. Baker

Total No. of Visits 49

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