

With or Without

# STEEL STEAMER.

FRI. 3 DEC. 1920

Received at London Office

## Disconnected Erections.

State if Report is also sent on the Machinery of the Vessel

Date of completion of report 2.12.20  
Survey held at Stockton-on-Tees

Port of Middlesbrough

No. 10877

Date, First Survey 24th October 1919 Last Survey 22nd November 1920

On the (State if Single, Twin or Triple Screw)

TONNAGE under 5209.40

CLASS + 100 A1.

Master

Rig Fore & aft, Schooner

M. Mathias

Year of appointment

(1) As Master in service of owner of present vessel—1919  
(2) As Master of this vessel—1920

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

Breadth (greatest moulded) 55.16

Total under Upper Dk.

Depth, at middle of length from top of keel to top of upper deck beams at side 28.62

Do. of Poop 162.42

Transverse Number 83.78

Do. of R.Q.Dk. 23.54

Do. of Bridge House

Do. of Forecastle

Do. of Houses on Dk. 182.99

Do. of excess of Hatchways 94.73

Do. above Crown of Engine Room 5673.08

Gross Tonnage 224.65

Proportions—Depths to Length—Upper Deck Beam at side to top of keel 14.50

Long Bridge Deck Beam at side to top of keel 11.40

Built at Stockton-on-Tees

When built 1920 Launched 29.9.20

By whom built Craig Taylor & Co.

Owners Anthony Radcliffe Steamship Co. Ltd.

Managers

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

Residence Cardiff.

Port belonging to London.

Destined Voyage Cardiff.

Surveyed while Building, Afloat, or in Dry Dock

Yes.

Feet.	Inches.	BREADTH—	Feet.	Inches.	DEPTH, ACTUAL—	Top of Floors to top of Upper Dk. Beams	Feet.	Inches.	No. of Decks with flat laid
415	0	Moulded	55	2	Do.	Do.	26	7 1/2	One
									No. of Tiers of Beams

of Ship per Register, Length 415.2 breadth 55.5 depth 26.6' Moulded depth, ft. 36 ins. 9 To Bridge Dk. Round of Upper 20 1/4 ins. Dk. Beam, Actual

FRAMING.						PILLARS.					
Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship
Angles, or Bars amidships	12	3 1/2	54/66	12	3 1/2	54/66	PILLARS In 'tween Deck, size and spacing	23/4	52	23/4	52
Peaks	7	3 1/2	44/7	3 1/2	44/7	3 1/2	" " Hold	"	"	"	"
Way of Double Bottoms at Solid Floors	3 1/2	3 1/2	4/42	3 1/2	3 1/2	4/42	" Quarter 'tween Dks.,	"	"	"	"
" " at intermdt. Bkts.	8	3 1/2	40/7 1/2	3 1/2	40/7 1/2	3 1/2	" in Hold	"	"	"	"
Frames from centre to centre amidships	26	"	"	"	"	"	KEELSONS & STRINGERS.				
" " length to Collision bulkhead	24	"	"	"	"	"					
" " in peaks	"	"	"	"	"	"					
ED FRAME, Angles	3 1/2	3 1/2	4/42	3 1/2	3 1/2	4/42					
Way of Double Bottoms at Solid Floors	7 1/2	3	4	7 1/2	3	4					
" " at intermdt. Bkts.	"	"	"	"	"	"					
IG, depth of girder	"	"	"	"	"	"					
S, depth and thickness of Floor Plate	"	"	"	"	"	"					
at mid-line for 1/2 length amidships	"	"	"	"	"	"					
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	"	"	"	"	"	"					
S in Cell. Double Bottoms	"	"	"	"	"	"					
state if flanged (top & bottom)	"	"	"	"	"	"					
Spacing of Solid floors	44	52	42	44	52	42					
EGIRDER, in Dbl. bottom, dpth. & thickness	3 1/2	3 1/2	48/52	3 1/2	3 1/2	48/52					
" Angles, Top	4 1/2	4 1/2	56/6	4 1/2	4 1/2	56/6					
" " Bottom	3 1/2	3 1/2	4/42	3 1/2	3 1/2	4/42					
" " to Floors	42	36/4	42	36/4	42	36/4					
Brackets at intermdt. frmg., width & thkness	24	36/4	24	36/4	24	36/4					
GIRDERS, number on each side & thickness	"	"	"	"	"	"					
state if flanged (top and bottom)	"	"	"	"	"	"					
" Angles (top and bottom)	3 1/2	3 1/2	4/42	3 1/2	3 1/2	4/42					
" " to Floors	3	3	4/38	3	3	4/38					
IN PLATE, depth (exclusive of flange) and thickness	47	"	48/39	"	48	"					
" Angle to Outside Plating	4	4	48/4	4	4	48					
" " Floors	3 1/2	3 1/2	4/42	3 1/2	3 1/2	4/42					
Brackets at intermdt. frmg., width & thkness	42	"	36/4	42	"	36/4					
Height of Outside Brackets above at bilge	50	"	"	50	"	"					
BOTTOM PLATING, breadth and thickness of Middle Line Strake	60	57	46	60	57	46					
" " in Engine and Boiler space	8.61	13.68	8.61	13.68	8.61	13.68					
" " Remainder in Holds	44	39	44	39	44	39					
IS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	10	3 1/2	58/10	3 1/2	58	"					
In way of Long Bridge	9 1/2	3 1/2	54/9 1/2	3 1/2	54	"					
Spacing	26	"	"	26	"	"					
IS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	"	"	"	"	"	"					
Angle, Plate, Tee Bulb, or Channel	"	"	"	"	"	"					
Spacing	"	"	"	"	"	"					
IS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	"	"	"	"	"	"					
Angles on upper edge	"	"	"	"	"	"					
Spacing	"	"	"	"	"	"					
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	7 1/2	3	57/7 1/2	3	57	"					
Angles on upper edge	"	"	"	"	"	"					
Spacing	24-26	"	"	24-26	"	"					
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	9	3 1/2	52/9	3 1/2	52	"					
Angles on upper edge	"	"	"	"	"	"					
Spacing	26	"	"	26	"	"					
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	9	3 1/2	52/9	3 1/2	52	"					
Angles on upper edge	"	"	"	"	"	"					
Spacing	24-26	"	"	24-26	"	"					

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



WEB FRAMES. WEB-FRAMES, In Fore Body, No. and spacing. WEB-FRAMES, In E. & B. Space, No. & spacing. WEB-FRAMES, In After Body, No. and spacing. BRACKET PLATES to Stringers between Web Frames, depth and thickness. BULKHEADS. STIFFENERS. COLLISION PARTITION. LONGITUDINAL. PLATING. STRAKES. RIVETING. EDGES. BUTTS. UPPER DECK STRINGER PLATE. SECOND DECK STRINGER PLATE. FRAMES extend in one length from Centre guides to margin. REVERSED FRAMES on floors and frames extend from Centre guides to margin. MASTS, SPARS, &c. LOWER MASTS. Bowsprit. Topmasts, Yards and Remainder of Spars. Rigging, Material and Size, Shrouds. Sails. Suit of. Stays. Sails, and the following spare sails.

EQUIPMENT No. 37330 LETTER Z ANCHORS. TONNAGE U.K. OR PLATING No. FOR TRAWLERS. PARTICULARS OF DROP TEST OF Cast Steel Anchors, viz.: Weight, Surveyor's Initials, Number of Certificate, Date of Test. CHAIN CABLES. HAWSERS AND WARPS. Boats. Pumps. Windlass. Engine Room Skylights. Coal Bunker Openings. Number of Scuppers. Ceiling in Holds. Cargo Hatchways. State size No. 1 Hatch. Number of Web Plates. Bulwarks, height above deck and description. The foregoing is a correct description. BULWER'S SIGNATURE. Correspondence. WORKMANSHIP. General Remarks. This vessel has been built in accordance with the approved plans, the Secretary's letter of above date, and in general conformity with the Rules for the class contemplated. Shearing gear tried and found efficient. With a view to the carrying of oil fuel in the H.B. if required in the future, the ballast tanks in way of the holds have been sealed to the height required by the Rules. Nine plans & two framing reports are forwarded herewith, together with a copy of the Mid. Sec. & Particulars & Keel as built: & plan of hatch covering 20 ft. x 15 ft. & 15 ft. x 15 ft. and for guidance. This is a crane vessel in the H.B. of Humberston. M.H. report 209339. The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans to be forwarded with F.E. Report showing vessel as built. The amount of Entry Fee. Special Survey Fee. Travelling Expenses, if any. State whether the Vessel has been built under Special Survey. Plan of opinion this Vessel should be Classed. With, or without Freeboard, as condition of Class. Committee's Minute. Character assigned. TUE. DEC. 14 1920. 10001. Lloyd's Register Foundation.



GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 44.5 ft., R.Q.D. ✓ ft., Bridge and, Forecastle 320.8  
(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 should appear in the Register Book) 1st (S.M.)

Official No. 145097; 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. S.B.

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	<u>132.16</u>	<u>669</u>	Fore peak tank,		<u>135</u>
Double bottom, under Engines and Boilers,	<u>43.33</u>	<u>224</u>	After peak tank,		<u>183</u>
Double bottom, if under Engines only,	<u>✓</u>	<u>✓</u>	Deep tank, aft,		<u>✓</u>
Double bottom, if under Boilers only,	<u>✓</u>	<u>✓</u>	Deep tank, forward,		<u>✓</u>
Double bottom, forward,	<u>184.16</u>	<u>814</u>	Other tanks, if fitted,		<u>✓</u>
Total capacity of double bottom		<u>1707</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 70

Order for Special Survey No. 1319

Date

23<sup>rd</sup> Dec 1919

No.

196

in builder's yard.

DAYS OF SURVEYS held while building

1919. Oct 24. Nov 4. 6. 10. 11. 13. 17. 20. 26. 28. Dec 1. 4. 9. 11. 15. 18. 19. 23. 29. 1920. Jan 5. 7. 9. 13. 15. 19. 21. 26. 28. 30. Feb 2. 4. 11. 13. 18. 20. 26. Mar 2. 8. 9. 12. 16. 19. 24. 25. 29. 31. Apr 1. 8. 12. 14. 16. 20. 21. 22. 26. 28. 30. May 3. 5. 7. 10. 12. 17. 20. 27. 31. June 2. 7. 10. 14. 18. 22. 24. 28. July 1. 5. 7. 8. 12. 13. 15. 16. 19. 20. 21. 23. 28. 30. Aug 3. 5. 6. 9. 12. 24. 25. 27. Sep 7. 15. 21. 29. 30. Oct 6. 11. 12. 15. 18. 20. 21. 25. 26. 27. Nov 1. 3. 4. 5. 8. 9. 11. 15. 16. 17. 18. 19. 22

Total No. of Visits

12

Surveyor's Signature

E. J. Barker

Boyd's Register Foundation