

With or Without Disconnected Erections.

STEEL STEAMER.

Received at London Office TUE. SEP. 30. 1913

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

Date of completion of report *27.9.13* Port of *Middlesbrough* No. *8120*
Survey held at *Stockton* Date, First Survey *31st March 1913* Last Survey *20th September 1913*
On the *Stockton Screw Steamer* *Caldy* Rig *Schooner*

TONNAGE under *4000.91*

CLASS *+100 A1*

Master *Richard Care*

Year of appointment

Tonnage Deck *✓*

Do. between Tonnage Dk. *✓*

Do. of R.Q.Dk. *✓*

Do. of Bridge House *✓*

Do. of Forecastle *60.00*

Do. of Houses on Dk. *113.79*

Do. of excess of Hatchways *24.17*

Do. above Crown of *22.34*

Engine Room *4221.21*

Gross Tonnage *4221.21*

Less Crew Space *128.92*

Less above Crown of *22.34*

Engine Room *4069.95*

TONNAGE FOR FEES *1350.79*

Less Engine Room *122.34*

Navigation Spaces *2619.16*

Register Tonnage *2619.16*

as cut on Beam *✓*

Breadth (greatest moulded) *50.67*

Depth, at middle of length from top of keel to top of upper deck beams at side *27.25*

Transverse Number *77.92*

Length on deck from fore part of stem to after part of stern post *379.88*

Longitudinal Number *296.00*

Depth "d," at middle of length (See Secs. 2 & 13) *23.75*

Proportions—Depths to Length—Upper Deck Beam at side to top of keel *13.9*

" " Long Bridge Deck Beam at side to top of keel *10.7*

Destined Voyage *Bright Channel*

Surveyed while Building, Afloat, or in Dry Dock *Yes*

Built at *Stockton-on-Tees*

When built *1913*

Launched *14. Aug. 1913*

By whom built *Richardson & Co Ltd*

Owners *Fargrove Steam Navigation Co Ltd*

Managers *Farnham Brothers & Co Ltd*

Residence *London*

Port belonging to *London*

LENGTH on Deck as per Rule *379* Feet. *10 1/2* Inches. BREADTH Moulded *50* Feet. *8 1/2* Inches. DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams *24* Feet. *9 1/4* Inches. No. of Decks with flat laid *One* No. of Tiers of Beams *✓*

Dimensions of Ship per Register, Length *380.0* breadth *51.0* depth *24.8* Moulded depth, ft. *35* ins. *4 1/8* To Bridge Dk. Round of Upper Dk. Beam, Actual *13 1/4* ins. Moulded depth, ft. *27* ins. *3* To Upper Dk.

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.
FRAME, Angles, or Bars amidships	<i>10 1/2</i>	<i>3 1/2</i>	<i>58</i>	PILLARS, In 'tween Deck, size and spacing	<i>2 7/8</i>	<i>50</i>	<i>2 7/8</i>
Do. in peaks	<i>6 1/2</i>	<i>3 1/2</i>	<i>42</i>	" " Hold	<i>Phil</i>	<i>antra</i>	<i>Division</i>
Do. in way of Double Bottoms at Solid Floors	<i>3 1/2</i>	<i>3 1/2</i>	<i>438</i>	" " Quarter 'tween Dks.,			
" " at intermdt. Bkts.				" " in Hold			
Spacing of Frames from centre to centre amidships	<i>25</i>		<i>25</i>	KEELSONS & STRINGERS.			
" " length to Collision bulkhead	<i>25</i>		<i>25</i>	CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercostal Plate			
" " in peaks	<i>24</i>		<i>24</i>	" Rider Plate			
REVERSED FRAME, Angles	<i>3 1/2</i>	<i>3 1/2</i>	<i>438</i>	" Flat Plate Keel Angles			
Do. in way of Double Bottoms at Solid Floors	<i>3 1/2</i>	<i>3 1/2</i>	<i>438</i>	" Horizontal Plates on Floors			
" " at intermdt. Bkts.				" Angles or Bulb Angles			
FRAMING, depth of girder				SIDE KEELSONS, Number			
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships				" Angles or Bulb Angles			
" in way of Engine and Boiler Spaces				" Plate above floors, for length			
" thickness at the ends of vessel				" Intercostal Plate, for length			
" depth at 1/2 the half breadth, as per Rule				" Attached to outside Plating with Angle			
" height extended at the Bilges				BILGE KEELSON, Angles			
FLOORS in Cell. Double Bottoms	<i>4/36</i>		<i>4/36</i>	" Intercostal Plate for length			
" state if flanged (top & bottom)	<i>Neither</i>			" Attached to outside Plating with Angle			
" Spacing of Solid floors	<i>25</i>		<i>25</i>	SIDE STRINGERS, Number	<i>Two</i>		<i>Two</i>
CENTRE GIRDER, in Dbl. bottom, dpth. & thknss	<i>43</i>	<i>5.4</i>	<i>42</i>	" Angle	<i>6 1/2</i>	<i>3 1/2</i>	<i>48</i>
" Angles, Top	<i>3 1/2</i>	<i>3 1/2</i>	<i>446</i>	" Intercostal Plate, for full length	<i>3 1/2</i>	<i>3 1/2</i>	<i>42</i>
" Bottom	<i>4 1/2</i>	<i>4 1/2</i>	<i>654</i>	" Attached to outside plating with Angle	<i>3 1/2</i>	<i>3 1/2</i>	<i>42</i>
" to Floors	<i>3 1/2</i>	<i>3 1/2</i>	<i>438</i>	Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)	<i>58-34</i>	<i>16 1/2</i>	<i>58-34</i>
Brackets at intermdt. frng., wdth & thknss	<i>Two</i>	<i>38-36</i>	<i>Two</i>	" " " " br'dth & thickness (in way of Bridge)	<i>58</i>	<i>46</i>	<i>58</i>
SIDE GIRDERS, number on each side & thickness	<i>Two</i>	<i>38-36</i>	<i>Two</i>	" " " " Angle (clear of Bridge)	<i>5x5</i>	<i>66</i>	<i>5x5</i>
" state if flanged (top and bottom)	<i>Neither</i>			" Tie Plates at sides of Hatchways	<i>I. 46</i>	<i>325</i>	<i>I. 46</i>
" Angles (top and bottom)	<i>3 1/2</i>	<i>3 1/2</i>	<i>438</i>	" Deck * Iron or Steel, for full lng.			
" to Floors	<i>3</i>	<i>3</i>	<i>438</i>	" Thickness (clear of Bridge)			
MARGIN PLATE, depth (exclusive of flange)	<i>37 3/4</i>	<i>46</i>	<i>34</i>	" (in way of Bridge)			
" and thickness	<i>3 1/2</i>	<i>3 1/2</i>	<i>46</i>	" Wood Deck. Material & thickness			
" Angles to Outside Plating	<i>3 1/2</i>	<i>3 1/2</i>	<i>438</i>	Second Deck Stringer Plate, br'dth & thickness			
" Floors	<i>3 1/2</i>	<i>3 1/2</i>	<i>438</i>	" Angles on ditto, No.			
Brackets at intermdt. frng., wdth & thknss	<i>84</i>		<i>84</i>	" Tie Plates outside Hatchways			
Height of Outside Brackets above at bilge	<i>60</i>	<i>5.4</i>	<i>42</i>	" Deck * Iron or Steel, for lng.			
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	<i>8.53</i>	<i>13.68</i>	<i>I</i>	" Wood Deck. Material & thickness			
" in Engine and Boiler space	<i>4</i>	<i>34</i>	<i>4</i>	Third Deck Stringer Plate, br'dth & thickness			
" Remainder in Holds	<i>4</i>	<i>34</i>	<i>4</i>	" Angles on ditto, No.			
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	<i>9</i>	<i>8 1/2</i>	<i>54</i>	" Tie Plates, outside Hatchways			
" In way of Long Bridge	<i>7 1/2</i>	<i>8 1/2</i>	<i>5</i>	" Deck * Material and thickness			
" Spacing	<i>25</i>		<i>25</i>	Fourth and Fifth Deck Stringer Plate, breadth & thickness			
BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel				" Angles on ditto, No.			
" Spacing				" Tie Plates outside Hatchways			
BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel				" Deck. Material & thickness			
" Angles on upper edge				Poop Deck Stringer Plate, breadth & thickness	<i>38 1/2</i>	<i>34</i>	<i>34</i>
" Spacing				" Angle on ditto	<i>3 1/2</i>	<i>3 1/2</i>	<i>34</i>
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	<i>6 1/2</i>	<i>3</i>	<i>4</i>	" Tie Plates			
" Angles on upper edge	<i>8 1/2</i>	<i>3</i>	<i>4</i>	" Deck. Material and thickness	<i>Im</i>		<i>28</i>
" Spacing	<i>24/25</i>		<i>24/25</i>	Bridge Deck Stringer Plate, br'dth & thickness	<i>52</i>	<i>54</i>	<i>54</i>
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	<i>8 1/2</i>	<i>3</i>	<i>46</i>	" Angle on ditto	<i>4 1/2</i>	<i>4 1/2</i>	<i>56</i>
" Angles on upper edge	<i>7</i>	<i>3</i>	<i>4</i>	" Tie Plates			
" Spacing	<i>25</i>		<i>25</i>	" Deck. Material and thickness	<i>Im</i>		<i>4</i>
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	<i>7</i>	<i>3</i>	<i>4</i>	Forecastle Deck Stringer Plate, br'dth & th'kns	<i>34</i>	<i>34</i>	<i>34</i>
" Angles on upper edge	<i>7</i>	<i>3</i>	<i>4</i>	" Angle on ditto	<i>3 1/2</i>	<i>3 1/2</i>	<i>34</i>
" Spacing	<i>24/25</i>		<i>24/25</i>	" Tie Plates			
				" Deck. Material and thickness	<i>PP. Sheathing</i>	<i>5x2 1/2</i>	<i>26</i>

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

Write "Bridge Sheer Stroke" and "Upper Deck Sheer Stroke" opposite the corresponding letter.

The Surveyors are requested not to write on or below the Committee's Minute.

GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 33.5 ft., R.Q.D. ft., Bridge 239.9 ft., Forecastle 34.3 ft. (in feet and tenths). When the Poop is joined to the R.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) 15k (H. S. H. H.)
 Official No. 135265; Signal Letters. State if Machinery is fitted aft 20
 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. All 2 1/2 m

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	122.92	450	Fore peak tank,	20	136
Double bottom, under Engines and Boilers,	✓	✓	After peak tank,	16	102
Double bottom, if under Engines only,	27.1	107	Deep tank, aft,	✓	✓
Double bottom, if under Boilers only,	✓	✓	Deep tank, forward,	✓	✓
Double bottom, forward,	172.92	594	Other tanks, if fitted,	✓	✓
Total capacity of double bottom		1151	(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. 90

Order for Special Survey No. 1032.

Date 2nd April 1913.

No. 634 in builder's yard.

DATES OF SURVEYS held while building

1913. March 31. Apr 3. 7. 10. 18. 21. 24. 28. 30 May 1. 9. 19. 26. 28. June 2. 5. 9. 11. 16. 20. 25. 26. 30. July 2. 7. 10. 18. 22. 23. 29. 31. August 5. 8. 13. 29. Sep 3. 10. 12. 16. 17. 19. 20.

Surveyor's Signature