

# With or Without Disconnected Erections.

## STEEL STEAMER.

Received at London Office *MON. 9 JAN 1911*

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

Date of completion of report *7th Jan 1911* Port of *Middlesbrough*  
Survey held at *Middlesbrough* Date, First Survey *18th April 1909* Last Survey *2nd January 1911*  
On the *Steel Screw Steamer "Watermouth"* Rig *Schooner*

**TONNAGE under Tonnage Deck**  
Do. between Tonnage Dk. and 3rd and 4th Dk. *4164.04*  
Total under Upper Dk. *4164.04*  
Do. of Poop *30.39*  
Do. of R.Q.Dk. *64.31*  
Do. of Bridge House *155.33*  
Do. of Forecastle *53.07*  
Do. of Houses on Dk. *4465.14*  
Do. of excess of Hatchways *142.82*  
Do. above Crown of Engine Room *4322.32*  
Gross Tonnage *4465.14*  
Less Crew Space *142.82*  
Less above Crown of Engine Room *4322.32*  
TONNAGE FOR FEES *4322.32*  
Less Engine Room *142.82*  
Less Navigation Spaces *130.43*  
Register Tonnage *2763.05*  
as cut on Beam

**CLASS** *\* 100 A1.*  
**Breadth** (greatest moulded) *49.75*  
**Depth**, at middle of length from top of keel to top of upper deck beams at side *29.08*  
**Transverse Number** *78.83*  
**Length** on deck from fore part of stem to after part of stern post *379.75*  
**Longitudinal Number** *29935.69*  
**Depth "d"**, at middle of length (See Secs. 2 & 13) *25.62*  
**Proportions**—Depths to Length—Upper Deck Beam at side to top of keel *13.05*  
" " Long Bridge Deck Beam at side to top of keel *10.36*

**Master** *Joshua West*  
**Year of appointment** *(1) As Master in service of owner of present vessel: 1898 (2) As Master of this vessel: 1911*  
**Built at** *Thornaby-on-Tees*  
**When built** *1911* **Launched** *15th Nov 1910*  
**By whom built** *Richardson, Duck & Co*  
**Owners** *Watermouth Steamship Co Ltd*  
**Managers** *Anning Brothers*  
**Residence** *Cardiff*  
**Port belonging to** *Cardiff*

**Destined Voyage** *Bristol Channel* If Surveyed while Building, Afloat, or in Dry Dock *Yes*

**on Deck** *379 9* **BREADTH** *49 9* **DEPTH, ACTUAL**—Top of Floors to top of Upper Dk. Beams *29 9* **No. of Decks with flat laid** *One*  
Moulded depth, ft. *36* ins. *7 7/8* To Bridge Dk. Round of Upper Dk. Beam, Actual *12 3/8* ins.  
Moulded depth, ft. *29* ins. *1* To Upper Dk.

| FRAMING.  |                          |                |                                | PILLARS.  |                                 |                                |                          |
|---|--------------------------|----------------|--------------------------------|---|---------------------------------|--------------------------------|--------------------------|
| Inches in Ship  | Inches in Ship           | Inches in Ship | Inches per Rule Or as Approved | Inches in Ship  | Inches in Ship                  | Inches per Rule Or as Approved | Inches per Rule Approved |
| Angles, or <i>C or E</i> Bars amidships <i>12</i>                 | <i>4 1/4</i>             | <i>4 1/4</i>   | <i>4 1/4</i>                   | <b>PILLARS, in 'tween Deck, size and spacing</b>                    | <i>2 7/8</i>                    | <i>36</i>                      | <i>2 7/8</i>             |
| Beams <i>AST. 6 x 4 x 3/8</i>                                     | <i>7</i>                 | <i>3 1/2</i>   | <i>4 1/2</i>                   | " <b>Hold</b>   | <i>Longitudinal Bulkhead</i>    |                                |                          |
| Way of Double Bottoms at Solid Floors                             | <i>3 1/2</i>             | <i>3 1/2</i>   | <i>40</i>                      | " <b>Quarter 'tween Dks.</b>  |                                 |                                |                          |
| " <b>at intermediate Plats</b>                                    |                          |                |                                | " <b>in Hold</b>  |                                 |                                |                          |
| Frames from centre to centre amidships                            | <i>36</i>                |                | <i>36</i>                      | <b>KEELSONS &amp; STRINGERS.</b>                                    |                                 |                                |                          |
| " " from <i>3</i>   | <i>33</i>                | <i>6</i>       | <i>24</i>                      | <b>CENTRE LINE KEELSON, Vertical Plate above</b>                    |                                 |                                |                          |
| " " length to Collision bulkhead                                  | <i>24</i>                |                | <i>24</i>                      | " <b>Rider Plate</b>  |                                 |                                |                          |
| " " in peaks  | <i>24</i>                |                | <i>24</i>                      | " <b>Flat Plate Keel Angles</b>                                     |                                 |                                |                          |
| <b>ED FRAME, Angles</b> <i>M. RETER. PEAK</i>                     | <i>3</i>                 | <i>3 1/2</i>   | <i>36</i>                      | " <b>Horizontal Plates on Floors</b>                                |                                 |                                |                          |
| Way of Double Bottoms at Solid Floors                             | <i>3 1/2</i>             | <i>3 1/2</i>   | <i>40</i>                      | " <b>Angles or Bulb Angles</b>                                      |                                 |                                |                          |
| " <b>at intermediate Plats</b>                                    |                          |                |                                | <b>SIDE KEELSONS, Number</b>  |                                 |                                |                          |
| Depth of girder   | <i>12</i>                |                | <i>12</i>                      | " <b>Angles or Bulb Angles</b>                                      |                                 |                                |                          |
| depth and thickness of Floor Plate                                | <i>Call.</i>             |                | <i>Call.</i>                   | " <b>Plate above floors, for length</b>                             |                                 |                                |                          |
| at mid-line for <i>3</i> length amidships                         |                          |                |                                | " <b>Intercoastal Plate, for length</b>                             |                                 |                                |                          |
| Way of Engine and Boiler Spaces                                   | <i>40/64</i>             |                | <i>40/64</i>                   | " <b>Attached to outside Plating with Angle</b>                     |                                 |                                |                          |
| Thickness at the ends of vessel                                   | <i>40</i>                |                | <i>40</i>                      | <b>BILGE KEELSON, Angles</b>  |                                 |                                |                          |
| at <i>3</i> the half breadth, as per Rule                         |                          |                |                                | " <b>Intercoastal Plate for length</b>                              |                                 |                                |                          |
| at extended at the Bilges   |                          |                |                                | " <b>Attached to outside Plating with Angle</b>                     |                                 |                                |                          |
| <b>BRACKETS in Cell Dble Bottoms</b>                              | <i>40/36</i>             |                | <i>40/36</i>                   | <b>SIDE STRINGERS, Number</b>                                       | <i>2 in RETER Hold</i>          | <i>4 in FORE</i>               | <i>Hold</i>              |
| " <b>state if flanged (top &amp; bottom)</b>                      | <i>no</i>                |                | <i>no</i>                      | " <b>Angle</b>  | <i>6 1/2</i>                    | <i>3 1/2</i>                   | <i>48</i>                |
| " <b>Spacing</b>  | <i>36</i>                | <i>6</i>       | <i>24</i>                      | " <b>Intercoastal Plate, for full length</b>                        | <i>42</i>                       |                                | <i>42</i>                |
| <b>GIRDER, in Dbl. bottom, dpth. &amp; thicknss.</b>              | <i>46 1/2</i>            | <i>7 1/2</i>   | <i>50/40</i>                   | " <b>Attached to outside plating with Angle</b>                     | <i>3 1/2</i>                    | <i>3 1/2</i>                   | <i>42</i>                |
| " <b>Angles, Top</b> <i>SINGLE</i>                                | <i>4 1/2</i>             | <i>4 1/2</i>   | <i>60/54</i>                   |   |                                 |                                |                          |
| " <b>Bottom</b> <i>DOUBLE</i>                                     |                          |                |                                | <b>Upper Deck Stringer Plate, br'dth &amp; thickness</b>            | <i>60</i>                       | <i>60</i>                      | <i>80/44</i>             |
| " <b>to Floors</b>  | <i>6</i>                 | <i>6</i>       | <i>46</i>                      | " <b>(clear of Bridge)</b>  | <i>60</i>                       | <i>48</i>                      | <i>59</i>                |
| <b>ERS, number on each side &amp; thickness</b>                   | <i>Two</i>               | <i>38/36</i>   | <i>Two</i>                     | " <b>(in way of Bridge)</b>   | <i>5 x 5</i>                    | <i>58/50</i>                   | <i>5 x 5</i>             |
| " <b>state if flanged (top and bottom)</b>                        | <i>no</i>                |                | <i>no</i>                      | " <b>Angle (clear of Bridge)</b>                                    | <i>80/60</i>                    |                                | <i>80/60</i>             |
| " <b>Angles (top and bottom)</b>                                  | <i>3 1/2</i>             | <i>3 1/2</i>   | <i>40</i>                      | " <b>Tie Plate at sides of Hatchways</b>                            |                                 |                                |                          |
| " <b>to Floors</b>  | <i>3</i>                 | <i>3</i>       | <i>40</i>                      | " <b>Deck, * Iron or Steel, for full lng.</b>                       |                                 |                                |                          |
| <b>PLATE, depth (exclusive of flange)</b>                         | <i>46 3/4</i>            |                | <i>46 3/4</i>                  | " <b>Thickness (clear of Bridge)</b>                                | <i>50/40</i>                    |                                | <i>50/40</i>             |
| " <b>and thickness</b>  | <i>Flanged to shell</i>  |                | <i>Flanged</i>                 | " <b>(in way of Bridge)</b>   | <i>42</i>                       |                                | <i>42</i>                |
| " <b>Angles to Outside Plating</b>                                | <i>Recesses on floor</i> |                |                                | " <b>Wood Deck, Material &amp; thickness</b>                        |                                 |                                |                          |
| " <b>Floors</b>   |                          |                |                                | <b>Second Deck Stringer Plate, br'dth &amp; thickness</b>           |                                 |                                |                          |
| " <b>Height of Brackets above at bilge</b>                        | <i>4 1/4</i>             | <i>1</i>       | <i>4 1/4</i>                   | " <b>Angles on ditto, No.</b>                                       |                                 |                                |                          |
| <b>OTTOM PLATING, breadth and thickness of Middle Line Strake</b> | <i>66</i>                | <i>75 1/2</i>  | <i>50/42</i>                   | " <b>Tie Plates outside Hatchways</b>                               |                                 |                                |                          |
| " <b>in Engine and Boiler space</b>                               | <i>54 1/2</i>            | <i>75</i>      | <i>54 1/2</i>                  | " <b>Deck, * Iron or Steel, for lng.</b>                            |                                 |                                |                          |
| " <b>Remainder in Holds</b>                                       | <i>46 3/4</i>            |                | <i>46 3/4</i>                  | " <b>Wood Deck, Material &amp; thickness</b>                        |                                 |                                |                          |
| <b>Upper Deck, Single Angle, Bulb</b>                             | <i>11</i>                | <i>5 1/2</i>   | <i>4 1/2</i>                   | <b>Third Deck Stringer Plate, br'dth &amp; thickness</b>            |                                 |                                |                          |
| " <b>Angle, Plate, Tee Bulb, or Channel</b>                       | <i>8</i>                 | <i>4 1/2</i>   | <i>5 1/2</i>                   | " <b>Angles on ditto, No.</b>                                       |                                 |                                |                          |
| " <b>Angles on upper edge</b>                                     | <i>7 1/2</i>             | <i>5 1/2</i>   | <i>6 1/2</i>                   | " <b>Tie Plates, outside Hatchways</b>                              |                                 |                                |                          |
| " <b>in way of Long Bridge</b>                                    | <i>36</i>                | <i>6</i>       | <i>24</i>                      | " <b>Deck, * Material and thickness</b>                             |                                 |                                |                          |
| " <b>Spacing</b>  | <i>36</i>                | <i>6</i>       | <i>24</i>                      | <b>Fourth and Fifth Deck Stringer Plate, br'dth &amp; thickness</b> |                                 |                                |                          |
| <b>Second Deck, Single Angle, Bulb</b>                            |                          |                |                                | " <b>Angles on ditto, No.</b>                                       |                                 |                                |                          |
| " <b>Angle, Plate, Tee Bulb, or Channel</b>                       |                          |                |                                | " <b>Tie Plates outside Hatchways</b>                               |                                 |                                |                          |
| " <b>Angles on upper edge</b>                                     |                          |                |                                | " <b>Deck, Material &amp; thickness</b>                             |                                 |                                |                          |
| " <b>Spacing</b>  |                          |                |                                | <b>Poop Deck Stringer Plate, breadth &amp; thickness</b>            | <i>37</i>                       | <i>32 1/2</i>                  | <i>34</i>                |
| <b>Third and Fourth Deck, Single Angle</b>                        |                          |                |                                | " <b>Angle on ditto</b>   | <i>3 1/2</i>                    | <i>3 1/2</i>                   | <i>36</i>                |
| " <b>Bulb Angle, Plate, Tee Bulb, or Channel</b>                  |                          |                |                                | " <b>Tie Plates</b>   |                                 |                                |                          |
| " <b>Angles on upper edge</b>                                     |                          |                |                                | " <b>Deck, Material and thickness</b>                               | <i>Steel</i>                    | <i>30</i>                      | <i>30</i>                |
| " <b>Spacing</b>  |                          |                |                                | <b>Bridge Deck Stringer Plate, br'dth &amp; thickness</b>           | <i>60</i>                       | <i>56</i>                      | <i>60</i>                |
| <b>Top Deck, Angle, Bulb Angle, Plate</b>                         | <i>8</i>                 | <i>3</i>       | <i>42</i>                      | " <b>Angle on ditto</b>   | <i>4 1/2</i>                    | <i>4 1/2</i>                   | <i>58</i>                |
| " <b>Tee Bulb, or Channel</b>                                     | <i>7 1/2</i>             | <i>5</i>       | <i>42</i>                      | " <b>Tie Plates</b>   |                                 |                                |                          |
| " <b>Angles on upper edge</b>                                     | <i>34</i>                | <i>6</i>       | <i>24</i>                      | " <b>Deck, Material and thickness</b>                               | <i>Steel</i>                    | <i>42</i>                      | <i>42</i>                |
| <b>Bridge Deck, Angle, Bulb Angle, Plate</b>                      | <i>8 1/2</i>             | <i>3 1/2</i>   | <i>50</i>                      | <b>Forecastle Deck Stringer Plate, br'dth &amp; th'kns</b>          |                                 |                                |                          |
| " <b>Tee Bulb, or Channel</b>                                     | <i>7</i>                 | <i>3</i>       | <i>40</i>                      | " <b>Angle on ditto</b>   | <i>3 1/2</i>                    | <i>3 1/2</i>                   | <i>34</i>                |
| " <b>Angles on upper edge</b>                                     | <i>36</i>                |                | <i>36</i>                      | " <b>Tie Plates</b>   | <i>Steel</i>                    | <i>30</i>                      | <i>30</i>                |
| <b>Forecastle Deck, Angle, Bulb Angle</b>                         | <i>9 1/2</i>             | <i>3 1/2</i>   | <i>47 1/2</i>                  | " <b>Deck, Material and thickness</b>                               | <i>4" S.P. under Thrustlass</i> |                                |                          |
| " <b>Plate, Tee Bulb, or Channel</b>                              | <i>8</i>                 | <i>3</i>       | <i>42</i>                      | " <b>2" ditto - 5" S.P. over remainder</b>                          |                                 |                                |                          |
| " <b>Angles on upper edge</b>                                     | <i>48</i>                |                | <i>48</i>                      |   |                                 |                                |                          |
| " <b>Spacing</b>  |                          |                |                                |   |                                 |                                |                          |







GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 35.5 ft., B.O.D., Bridge 22.5 ft., Forecastle 18 ft.  
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated The Poop & Bridge are not joined

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) 1 Deck (Steel)

Official No. 128519; 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. & B.

| Where Fitted.  | *Length.<br>Feet.               | Water Capacity.<br>Tons. | Where Fitted.  | *Length.<br>Feet. | Water Capacity.<br>Tons. |
|--|---------------------------------|--------------------------|--|-------------------|--------------------------|
| Double bottom, aft,  | <u>114</u>                      | <u>380.5</u>             | Fore peak tank,  | <u>19.8</u>       | <u>112</u>               |
| Double bottom, under Engines and Boilers,                    |                                 |                          | After peak tank,                                       | <u>16.0</u>       | <u>126.5</u>             |
| Double bottom, if under Engines only,                        | <u>27</u>                       | <u>119.5</u>             | Deep tank, aft,  |                   |                          |
| Double bottom, if under Boilers only, <u>15 ft. Dry Tank</u> |                                 |                          | Deep tank, forward,                                    |                   |                          |
| Double bottom, forward,                                      | <u>167.33</u>                   | <u>635.5</u>             | Other tanks, if fitted,                                |                   |                          |
|  | Total capacity of double bottom | <u>1135.5</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 Satisfactory

Order for Special Survey No. 854

Date 29th April 1910

No. 612 in builder's yard.

DATES of Surveys held while building

1910. Apr. 26 May 3. 31. June 1. 2. 3. 4. 10. 16. 24. 29. July 5. 13. 14. 19. 20. 22. 28. 29. Aug. 3. 9. 22. 26. 27. 29.  
Sept. 1. 6. 13. 14. 16. 19. 26. 27. Oct. 6. 7. 14. 20. 24. 28. 28. 31. Nov. 4. 7. 8. 11. 14. 15. 17. 23. 25. 28. Dec. 2. 5. 6. 7. 9.  
12. 13. 15. 21. 22. 27. 28. 29. 30. 1911. Jan. 2.

Surveyor's Signature

Wm. L. Gilman

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Total No. of Visits

Lloyd's Register  
Foundation