

## Lloyd's Register of British and Foreign Shipping.

(Report on Vessel No. 248 Port LIVERPOOL.)

No. 260 SHIP ~~FORGINGS~~ OR CASTINGS.

The words FORGINGS or CASTINGS, IRON or STEEL, should be struck out as may be required.

I have to report that the undermentioned ~~Iron or Steel Forgings or Castings~~, manufactured by  
*Sir J. Whitworth & Coy Ltd* of *Manchester*  
 for the Vessel No. 248, being built by *Messrs Harland & Wolff*  
 of *Belfast* have been inspected by me as set forth below, and found  
 to be, so far as can be seen, *Sound*.

*Travelling Expenses 9/2.* } *To be collected at Liverpool*

Mark on Forgings.

Lloyd's



No. 584

J.D. 10.91

*John Dykes & L. Sowell.*  
*Liverpool.*

|                          | <i>Tiller</i><br><del>STERN FRAME</del>               | <i>Quadrant</i><br><del>RUDDER FRAME</del> | STEM. |
|--------------------------|---|--|-------|
| Material* . . . .        | <i>cast Steel.</i>                                    | <i>cast Steel.</i>                         |       |
| How made . . . .         | <i>cast &amp; annealed</i>                            | <i>cast &amp; annealed.</i>                |       |
| Dimensions . . . .       | <i>r</i>  | <i>r</i>                                   |       |
| Progress on Inspection . | <i>cast &amp; dressed</i>                             | <i>cast &amp; dressed.</i>                 |       |
| Dates when Inspected     | <i>5<sup>th</sup> &amp; 28<sup>th</sup> Oct. /91.</i> |  |       |

SKETCHES OF FRAMES SHEWING POSITION AND DESCRIPTION OF WELDS OF FORGINGS, OR PARTICULARS OF TESTS APPLIED TO CASTINGS.

|           |            |               |                    |                     |                    |   |
|-----------|------------|---------------|--------------------|---------------------|--------------------|---|
| Tiller.   | Dia.<br>1" | Area<br>.4854 | Total Lons<br>12.7 | Per Sq inch<br>27.0 | Ex: in 5"<br>8.2 % | bold Brnd.<br> Good. |
| Quadrant. | 1"         | .4854         | 12.2               | 28.0                | 16.2 %             |  Good.               |

*The above Castings raised to a height of 12 ft and dropped on hard ground, then slung & hammered and found satisfactory.*



248 (Manitoba)  
boats on  
river and around

Nov 14 1881

First entry

Bel. Rht. No 14096



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Foundation