

Received at Belfast Office, Nov 14 1891

Lloyd's Register of British and Foreign Shipping.

(Report on Vessel No. 248 Port LIVERPOOL.)

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

No. 560 SHIP ~~FORGINGS~~ OR CASTINGS.

I have to report that the undermentioned ~~Iron or Steel Forgings or Castings~~, manufacturd 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

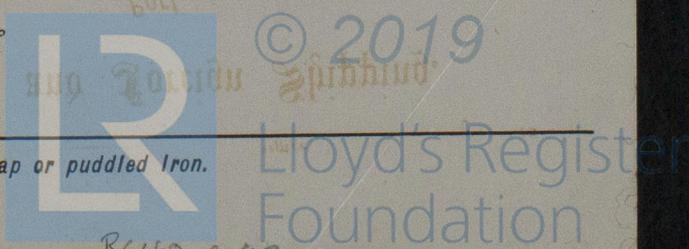
John Dykes & L. Sowell
Liverpool

| | <u>Tiller</u> STERN FRAME | <u>Quadrant</u> RUDDER FRAME | STEM. |
|------------------------|---|--|-------|
| Material* | <u>cast Steel.</u> | <u>cast Steel.</u> | ✓ |
| How made | <u>cast & annealed</u> | <u>cast & annealed.</u> | |
| Dimensions | ✓ | ✓ | |
| Progress on Inspection | <u>cast & dressed</u> | <u>cast & dressed.</u> | |
| Dates when Inspected | <u>5th & 28th Oct. /91.</u> | | |

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

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

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



248 (Manitoba)
Boatings on

Stier & Associates

Nov 14 1891

First Entry

Bel. Rht. No 14096



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