

# Lloyd's Register of Shipping.

(Report on Vessel No. 9346 Port bpu)

## No. 254 ~~SHIP FORGINGS OR~~ CASTINGS.

works No. 66122

I have to report that the undermentioned ~~Iron or Steel Forgings or~~ Castings, manufactured by Messrs G. Schichau S.m.b.H.

of Elbing for the Vessel No. S. 50, being built by Messrs Odense Staalskibsværft of Odense

have been inspected by me as set forth below and found to be, so far as can be seen, in finished condition free from defects

- One sternframe lower part No. 481. - One sternframe upper part No. 482. -
- One rudder head bearing piece No. 483. -

Mark on ~~Forgings or~~ Castings.

Lloyd's

**DANZIG**, 8th September 1933,

No. 481, 482, 483 SD

J.C.D. SD 29.8.33.

*James E. Dykes*

|   | STERN FRAME<br>LOWER PART | STERN<br>RUDDER FRAME.<br>UPPER PART | RUDDER HEAD<br>BEARING PIECE |
|---|---------------------------|--------------------------------------|------------------------------|
| Material*   | Siemens-Martin Steel      |                                      |                              |
| How made  | Cast                      | Cast                                 | Cast                         |
| If annealed   | Annealed                  | Annealed                             | Annealed                     |
| Dimensions  | To plan                   | To plan                              | To plan                      |
| Progress on Inspection                                | Rough cast & finished     | Rough cast & finished                | Rough cast & finished.       |
| Date when Inspected                                   | 10.8.33 & 29.8.33         | 10.8.33 & 29.8.33                    | 10.8.33 & 29.8.33            |
| CASTINGS.   |                           |                                      |                              |
| Tests on Standard Test Pieces.                        | 641<br>20 x 45 mm         | 639<br>20 x 45 mm                    | 640<br>20 x 45 mm            |
| Tensile Test—   | 46.15                     | 45.04                                | 46.49                        |
| Kg <del>Tons</del> per square inch mm                 | 36.00                     | 36.00                                | 34.60                        |
| Extension per cent. ...                               |                           |                                      |                              |
| Cold Bending Test—                                    | Good at 120°              | Good at 120°                         | Good at 120°                 |
| Angle before fracture                                 |                           |                                      |                              |
| Drop Test—  | 2.5 metres                | ✓                                    | 3 metres                     |
| Height from ground ...                                |                           |                                      |                              |
| Hammering Test—                                       | Satisfactory              | Satisfactory                         | Satisfactory                 |
| If made according to Rules and found satisfactory ... |                           |                                      |                              |

SKETCHES OF FRAMES SHOWING POSITION AND DESCRIPTION OF WELDS OF FORGINGS.

Fee (if any chargeable) £ 14 : 16 : 0 (including expenses)

To be paid at by Messrs G. Schichau S.m.b.H., Elbing. J.C.D.

\* If of Iron, state whether scrap or puddled Iron. If of Steel, state whether made on the Open Hearth process.