

Lloyd's Register of Shipping.

(Report on Vessel No. _____ Port _____)

No. 1045 SHIP FORGINGS ~~OR~~ CASTINGS.

I have to report that the undermentioned ~~Iron or Steel Forgings or Castings~~, manufactured by Messrs. Skoda Works, Ltd. of Pilsen C. S. R. for the Vessel No. _____, being built by Messrs. Deutsche Werke A.G. of Kiel have been inspected by me as set forth below and found to be, so far as can be seen, Sound and free from defects
1 Built Rudder frame

Mark on Forgings or Castings.

Lloyd's

No. 265

CSH 30.9.27

Prague 8th November 1927

C. P. Hughes.

| | STERN FRAME. | RUDDER FRAME. | STEM. |
|--|---------------------------------------|--------------------|----------------------------------|
| Material* | <u>S. M. C. S. Steel</u> | | |
| How made | <u>Forged built</u> | | |
| If annealed | <u>Yes</u> | | |
| Dimensions | <u>φ 305 mm</u> | | |
| Progress on Inspection | <u>Finished machined</u> | | |
| Date when Inspected | <u>30th September 1927</u> | | |
| CASTINGS. | | | |
| Tests on Standard Test Pieces. | <u>Stem</u> | <u>Shaft</u> | <u>Rudder Arms</u> |
| | <u>a - b</u> | <u>a - b</u> | <u>I - II - III - IV</u> |
| Tensile Test— Tons per square inch <u>mp/in</u> | <u>49.8 - 49.2</u> | <u>44.8 - 44.2</u> | <u>49.8 - 46.7 - 48.6 - 49.8</u> |
| Extension per cent. ... | <u>34.0 - 32.0</u> | <u>38.0 - 38.0</u> | <u>35.0 - 36.0 - 36.0 - 31.0</u> |
| Cold Bending Test— Angle before fracture | <u>180°</u> | <u>180°</u> | <u>180° 180° 180°</u> |
| Drop Test— Height from ground ... | <u>✓</u> | <u>✓</u> | <u>✓ ✓ ✓</u> |
| Hammering Test— If made according to Rules and found satisfactory ... | <u>✓</u> | <u>✓</u> | <u>✓ ✓ ✓</u> |

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

Fee (if any chargeable) £ _____
 To be paid at Prague.



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 Foundation

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