

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

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

Fee (if any chargeable) £

To be paid at

Prague.

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