

Lloyd's Register of Shipping.

(Report on Vessel No. 9346 Port *Opus*)*Odense 1250*

No. 258.

SHIP ~~FORGINGS OR~~ CASTINGS.

I have to report that the undermentioned ~~Iron or Steel Forgings or Castings~~, manufactured by Messrs. Otto Gruson & Co., of Magdeburg, for the Vessel No. _____, being built by _____ of _____ have been inspected by me as set forth below and found to be, so far as can be seen, sound and free from defects:- One main- and auxiliary rudder quadrant, one pinion wheel, ordered by Mr. Thomas B. Thrige, of Odense.

Work on ~~Forgings or Castings~~.

Lloyd's

Stettin, 25th November 1933.

No. 643, 644 & 645.

N.S. 23.11.33.

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Main rudder-quadr. Auxiliary quadrant. Pinion wheel.

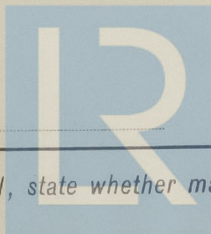
~~STEEL FRAME~~✓ RUDDER ~~FRAME~~.~~STEM~~

Material*	S.M. Steel.	S.M. Steel.	S.M. Steel.
How made	Casted.	Casted.	Cast.
annealed	Annealed.	Annealed.	Annealed.
Dimensions	To plan.	To plan.	To plan.
Progress on Inspection	Rough and machined.		
Date when Inspected	28.9.33: 7.11.33: 23.11.33.		
CASTINGS.			
Tests on Standard Test Pieces.	.798" 3.-"	.798" 3.-"	.798" 3.-"
Tensile Test—	54.- kgs/sqmm.	53.8 kgs/sqmm.	51.6 kgs/sqmm.
Tons per square inch	26.-%	24.-%	28.5%
Extension per cent. ...			
Cold Bending Test—	180 degrees.	180 degrees.	180 degrees.
Angle before fracture			
Drop Test—	Seven feet.	Seven feet.	Seven feet.
Height from ground ...			
Hammering Test—	Yes.	Yes.	Yes.
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 Stettin.



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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.