

## Lloyd's Register of Shipping.

Order: 24544/St  
Post: 3734  
Best: 13176

(Report on Vessel No. Odense 30 Port Copenhagen)

No. 455

SHIP FORGINGS ~~OR CASTINGS~~

I have to report that the undermentioned ~~Iron~~ Steel Forgings ~~xx~~  
~~Castings~~ manufactured by Messrs. Witkowitz Bergbau & Eisenh. Gew.  
of W i t k o w i t z for the Vessel No. 30, being built  
by Messrs. Odense Staalskibsvaerft of O d e n s e  
have been inspected by me as set forth below and found to be, so far as can  
be seen, 1 built up rudder without plate, sound and free from  
defects.

Mark on Forgings ~~xxxxxx~~

Lloyd's  
No. 2751 2027/28  
VS. 19.4.28

Vienna, 23rd April 1928

	1 rudder shaft <del>SPERN FRAME</del>	1 RUDDER <del>FRAME</del>	spindle <del>FRAME</del>	rudder arms <del>FRAME</del> 1
Material*	Siemens Martin Ingot Steel			
How made	forged	forged	forged	
If annealed	annealed	annealed	annealed	
Dimensions	12 1/2"	12 1/2 - 9 1/2"	to sketch	
Progress on Inspection	almost finished	almost finished	almost finished	
Date when Inspected	28. 3. 1928 and 19. 4. 1928			
Tests on Standard Test Pieces.	No: 2027	No: 2028		
Tensile Test—	31.3	28.7	29.4	29.8
Tons per square inch	32.9	35.5	36.8	35.5
Extension per cent. ...				
Cold Bending Test—	180 degree	good		
Angle before fracture				
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.

1 rudder arm, to sketch, Tens. str. in t/sq"	31.2	with 32.3	% along, in 3"
1 " " "	29.6	" 36.2	" "
1 " " "	31.2	" 32.3	" "
1 " " "	28.4	" 38.2	" "

Bend tests good.

Fee (if any chargeable) £ : :

To be paid at

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

3m, 10, 27. T.

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Lloyd's Register  
Foundation

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