

## LLOYD'S REGISTER OF SHIPPING

\*SHIP OR ENGINE FORGINGS OR CASTINGS

I have to report that the Forgings ~~or Castings~~, as herein described, manufactured by Messrs. T.S.Forster & Sons, Ltd., of Sunderland  
\*for the Engines No. being constructed by  
of for the Ship ~~Nax~~ ordered  
"WILLIAM CASH" being ~~built~~ by Messrs. Stephenson  
Clarke Ltd., of Newcastle  
have been inspected by me as set forth below, and found to be, so far as can be seen, sound and free from defects. These have been despatched to Messrs. White's Shipyard (Southampton) Ltd., SOUTHAMPTON.

ITEM	RUDDER REPAIRS.	
	Rudderhead.	Rudderplate.
Identification No.	4751	
Surveyor's Initials.	JM	
Materials.	S.M.Ingot steel.	
How made.	Forged.	Rudder arms faired; Pintle
Heat treated.	Yes.	Gudgeons built up with electric welding and rebored in line.
Dimensions.	As plan.	Lower Rudder coupling faced.
Weight.		Rudder arms built up with electric welding where necessary to renew faying surface with plate.
Progress on Insp.	Forged and machined.	
Test No.	859	876
Yield per sq.		
Ult. tons per sq."	32.0	28.8
Elong. % on 2"	31%	35%
Reduc. of Area %		
Cold Bend.	180o	180o
Brinell.		
Izod.		
Final date.	23/11/57	

Date of approval of chemical analysis, physical properties and heat treatment in the case of special steels for reduction gearing forgings.

Other tests :

Fee : £3.3.0.

Expenses: TO BE INCLUDED IN MONTHLY ACCOUNT

Signature

\*Delete where not applicable.