

ited-with
THE
BRITISH
CORPORATION
REGISTER

Lloyd's Register of Shipping.

*SHIP OR ENGINE FORGINGS OR CASTINGS.

I have to report that the Forgings ~~Castings~~ as herein described, manufactured by **T.S. Forster & Sons Ltd.**, of **Sunderland**
~~xxxxxx~~ ~~xxxxxx~~
of ~~xxxxxx~~ for the Ship ~~xxx~~ **"HILARY"** 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. These have been despatched to **Messrs. J. Russel & Co Liverpool.**

ITEM RUDDER MAINPIECE

Identification No.	3918.
Surveyor's Initials.	C.P.
Materials.	S.M. Ingot Stl
How made.	Forged
Heat treated.	Yes
Dimensions.	11$\frac{1}{2}$" dia to 8$\frac{1}{2}$" dia.
Weight.	
Progress on Insp.	Forging & Machining
Test No:-	H698
Yield tons per sq	T B
Ult. tons per sq.	34.4 34.8
Elong. % on 2"	38% 31%
Reduc. of Area %	
Cold Bend.	180° 180°
Brinell.	
Izod.	
Final date.	10.3.50.

Date of approval of chemical analysis, physical properties and heat treatment in the case of special steels for reduction gearing forgings. **K3871.**

Other tests: **No. 3. Arm renewed, Nos 4&5 pintle gudgeons built up by E.W. and all gudgeons bored in line. New Plate fitted and 5 pintles renewed. Rudder Head Coupling face skimmed and all proved for alignment.**

Fee: **£4-5-0.**

Signature **Chas. S. Porter**

Expenses:

*Delete where not applicable.

Date **13-3-50.**