

Lloyd's Register of Shipping.

(Report on Vessel No. 848F Port 160)

No. 216

SHIP FORGINGS ~~OR CASTINGS~~

I have to report that the undermentioned ~~Iron or Steel Forgings or Castings~~, manufactured by Messrs. Altos Hornos of Bilbao for the Vessel No. 34, being built by Messrs. Corcho e Hijos of Santander have been inspected by me as set forth below and found to be, so far as can be seen, sound and free from defects

Mark on Forgings or Castings.

Lloyd's

No. 335-A-B-C-D&E

I-9-33 G.D.

G. Dixon. & J. J. ...

Bilbao

	Rudder Head	Rudder Mainpiece	Rudder Arms		
	IRON FRAME	IRON FRAME	IRON		
Material*	<u>S.M. Steel</u>				
How made	<u>Forged.</u>				
If annealed	<u>Yes.</u>				
Dimensions	<u>195mm. dia.</u>	<u>195 & 145 mm.</u>	<u>---</u>		
Progress on Inspection	<u>Forged', finished machined and with arms shrunk on.</u>				
Date when Inspected	<u>16-6-33, 23-6-33, 1-9-33.</u>				
Tests on Standard Test Pieces.	<u>335 A.</u>	<u>335 B.</u>	<u>335C</u>	<u>335D</u>	<u>335E</u>
Tensile Test—	<u>46.4</u>	<u>48</u>	<u>48</u>	<u>47.4</u>	<u>47.2</u>
Tens. per square inch					
Kgs. mm.	<u>36</u>	<u>36</u>	<u>36</u>	<u>37</u>	<u>37</u>
Extension per cent. ...					
Cold Bending Test—	<u>180° G.</u>	<u>180° G.</u>	<u>180° G.</u>		
Angle before fracture					
Drop Test—	<u>--</u>	<u>--</u>	<u>--</u>		
Height from ground ...					
Hammering Test—	<u>--</u>	<u>--</u>	<u>--</u>		
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



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