

For the information of Surveyors and the Committee only.

Received at

Office

10

## Lloyd's Register of Shipping.

(Report on Vessel No. \_\_\_\_\_)

Port

Newcastle on Tyne

No. \_\_\_\_\_

## SHIP FORGINGS OR CASTINGS.

I have to report that the undermentioned Iron or Steel Forgings or Castings, manufactured by The Darlington Forge Ltd of Darlington for the Vessel No. 1028 being built by Armstrong Whitworth & Co Ltd of Newcastle have been inspected by me as set forth below and found to be, so far as can be seen, Sound.

"Beltramella" 82473

Forgings &amp; Castings

Lloyd's

No. 5534D

MR

M. Robertson

Upper portion Solid Balanced Darlington 15.10.27

	STERN FRAME.	RUDDER FRAME.	STEM.
Material	Steel	Scrap iron	S.M. Ingot Steel
Condition	Cast & Annealed	Forged	Forged & Annealed
Inspected	Yes	Yes	Yes
Dimensions	Open Sections	9" dia to 4"	9" dia to 6"
Inspection	Using Machining	Forged Finished	Forged Finished
When Inspected	16.9.27. 10.10.27	19.7.27. 14.10.27	"
CASTINGS.		Manganese	Stock
on Standard Test Pieces.			
Test—			
per square inch	Test 19/9 = 32.0		Test 20 = 30.4
elongation per cent.	27.0		32.0
ending Test—			
before fracture	120		180
Test—			
at from ground ...	7 Feet		
ring Test—	Yes		
side according to Rules			
found satisfactory ...			

SKETCHES OF FRAMES SHOWING POSITION AND DESCRIPTION OF WELDS OF FORGINGS.

Selection of Steelframe Forged Ingot Steel

Test 54 = 26.0  
33.0 cu 8"  
180

(if any chargeable) £

To be paid at

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



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Lloyd's Register  
Foundation