

Lloyd's Register of British & Foreign Shipping.

(Report on Vessel No. _____ Port **SUNDERLAND.**)

No. _____ SHIP ~~FORGINGS OR~~ CASTINGS.

I have to report that the undermentioned ~~Iron or Steel Forgings or~~ Castings, manufactured by E. Jopling & Sons Ltd. of Sunderland for the Vessel No. 381, being built by Short Bros. of Sunderland have been inspected by me as set forth below and found to be, so far as can be seen, sound

Mark on ~~Forgings or~~ Castings.

Lloyd's
No. 134
472

Matt Robertson

Quadrant Sunderland, 1.7.13

	STERN FRAME.	RUDDER FRAME.	STEM.	
Material* ...	/	Steel	/	
How made ...		Cast-iron		
Dimensions ...		As per plan		
Progress on Inspection ...		Welded & tested		
Date when Inspected ...		24.6.13 & 30.6.13		
CASTINGS.				
Tests on Standard Test Pieces.				
Tensile Test—		24.0		
Tons per square inch ...		36.0		
Extension per cent. ...		closed		
Cold Bending Test—		8 1/2-		
Angle before fracture ...		Yes		
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.

Quants - 90 - lbs
36-0-0

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.

SUNDERLAND

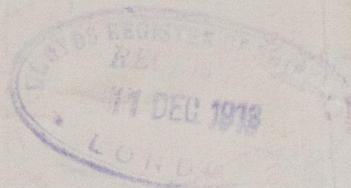
Mess^{rs} SHORT BRDS. L^o

CAST STEEL QUADRANT LEAFTH

No. 381

P.C. "ANGLO BRAZILIAN"

Red. Report No 25933



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W696-0045