

29 DEC 1947

Lloyd's Register of Shipping.

Report on Vessel No. 18885 Port West HartlepoolNo. F.183.SHIP FORGINGS OR CASTINGS.

I have to report that the undermentioned ~~XXXX~~ Steel Forgings ~~XXXX~~ Castings, manufactured by Messrs. Head Wrightson & Co. Ltd., of Thornaby-on-Tees, for the Vessel No. 1171, being built by Messrs. Wm. Gray & Co. Ltd. of West Hartlepool, have been inspected by me as set forth below and found to be, so far as can be seen, sound.

d 'd to Donkins Ltd.

Mark on ~~XXXXXX~~ Castings.

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No. 183.E.B.21.6.44.1 Quadrant.Middlesbrough.

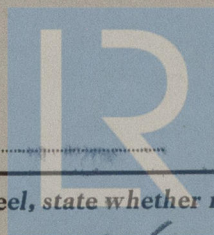
	STEEL FRAME	RUDDER FRAME	XXX STEM
Material* ...	<u>Acid Converter Steel.</u>		
How made ...	<u>Cast.</u>		
If annealed ...	<u>Yes.</u>		
Dimensions ...	<u>To pattern.</u>		
Progress on Inspection ...	<u>Rough Dressed.</u>		
Date when Inspected ...	<u>17.6.44 to 21.6.44.</u>		
CASTINGS.			
Tests on Standard Test Pieces.	<u>D.712</u>		
Tensile Test—			
Ultimate Tensile.			
Tons per sq. in. ...	<u>35.6</u>		
Point			
Tons per sq. in. ...	<u>-</u>		
Extension per cent. on..... <u>2</u>inches	<u>23.0</u>		
Red. of Area % ...	<u>-</u>		
Cold Bending Test—			
Angle before fracture ...	<u>120°NB</u>		
Drop Test			
Height from ground ...	<u>12'-0"</u>		
Hammering Test—			
If made according to Rules and found satisfactory ...	<u>Yes.</u>		

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

Weight:- t. c. g. lbs.
1 - 8 - 1 - 10

Fee (if any chargeable) £ : 5 : 0d.To be paid at Mdb.

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



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Foundation