

## Lloyd's Register of Shipping.

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

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

SHIP FORGINGS <sup>and.</sup> OR CASTINGS.

I have to report that the undermentioned ~~Iron or Steel Forgings~~ <sup>and</sup> Castings, manufactured by The Wolsingham St. Co. Ltd of Wolsingham for the Vessel No. 292, being built by Messrs Barbrams & Co. Ltd 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 <sup>+</sup> or Castings.

Lloyd's

No. 815CP 18-3-42

Chas. S. Cortis

Rudder Head.

Cast. Steel Sunderland. 18/3/42

	STERN FRAME.	RUDDER FRAME.	STEM.
Material	S. M. Ingot Steel	S. M. O. H. St.	
How made	Forged.	Cast	
If annealed	Yes	Yes	
Dimensions	10½" dia ✓	9½"-10½" x 7"-10½" ✓	
Progress on Inspection	Forging -	Castings & Machining	
Date when Inspected	11-9-41. to	18-3-42	
CASTINGS.			
Tests on Standard Test Pieces.	Int. No. 478	Int. No. 344	
Tensile Test—		T. B.	
Ultimate Tensile. Tons per sq. in....	29.6	32.8 33.6	
Yield Point. Tons per sq. in....			
Extension per cent. on.....inches	35%	24% 23%	
Red. of Area %			
Cold Bending Test—			
Angle before fracture	180°	120° 120°	
Drop Test—			
Height from ground ..			
Hammering Test—			
If made according to Rules and found satisfactory ...	Hammered only.		

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

Weights = T. C.  
 2-19-3-0. Rudder Hd.  
 4-9-0-0. C. St. frame

Fee (if any chargeable) £ MONTHLY A/C.

To be paid at \_\_\_\_\_

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



Barkham 292

Reader's View  
of frame

**SUNDERLAND** RPT. NO. 33499.

Empire Banner.



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Foundation