

*For the information of Surveyors and the Committee only.*

Office,

19

(Report on Machinery, No. 12167 Port Middlesbrough)

I have to report that the Iron ~~or Steel~~ Forgings ~~or Castings~~, as herein described,  
manufactured by Messrs Blair & Co of Stockton  
for the Engines No. 1957 being constructed by them  
of \_\_\_\_\_ for the Ship No. 546, being built by  
Messrs Roper & Co (S. S. Drakepool) of Stockton  
have been inspected by me as set forth below, and found to be, so far as can  
be seen, sound and good

*Mark on Forgings or Castings.*

10.10.24 - W17

Wm Morrison

Middlebrough

	CRANK SHAFT.	STRAIGHT SHAFTING.		
		THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material* ...				Scrap iron
How made ...				Forged
Dimensions ...				15 1/2" diam
Progress on } Inspection }				Machined & finished under special survey
Tests on Standard Test Pieces.				
Tensile Test—				✓
Tons per square inch ...				✓
Extension per cent ...				✓
Cold Bending Test—				✓
Angle before fracture ...				
Dates when Inspected				Last visit- 10.10.24

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:- *Continuous lining*

Fee (if any chargeable) £  
To be paid at

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