

Belfast
Hendland & Wolff
Standard Vapour
Engine Castings
534

S.S. War Bittern

Belfast Report No 4939.

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Lloyd's Register
Foundation

Lloyd's Register of Shipping.

(Report on Machinery, No. _____)

Port _____)

No. 467 ENGINE ~~FORGINGS~~ OR CASTINGS.

I have to report that the ~~Iron or Steel Forgings or Castings~~, as herein described, manufactured by The Springfield Steel Co of Glasgow for the Engines No. 534 being constructed by Harland & Wolff Ltd of Belfast for the Ship No. _____, being built by _____ of _____

have been inspected by me as set forth below, and found to be, so far as can be seen, sound & free from flaws.

Standard Vessel

Mark on ~~Forgings or~~ Castings.

985
386. McG R One Set of Ecc Shafts

Glasgow 11/8/17
Peter W. Chasr.

	CRANK SHAFT.	STRAIGHT SHAFTING.		
		THRUST SHAFT.	INTERMEDIATE SHAFTS	PROPELLER SHAFT.
Material* ...	<u>Cast Steel</u>			
How made ...	<u>Counter</u>			
Dimensions ...	<u>Pattern</u>			
Progress on Inspection }	<u>Rough</u>			
Tests on Standard Test Pieces.	<u>No 385</u> <u>No 386</u>			
Tensile Test—				
Tons per square inch ...	<u>3.0</u> <u>35.0</u>			
Extension per cent ...	<u>20</u> <u>20</u>			
Cold Bending Test—				
Angle before fracture ...	<u>160° F</u> <u>120° F</u>			
Dates when Inspected	<u>26/7/16</u>			

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Hammered

Fee (if any chargeable) £ 10/-
To be paid at _____

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



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