

Engines made at Donkey 1924
Boilers, when made (Main) 1924
Nominal Horse Power 129
No. of Main Boilers 246

For the information of Surveyors and the Committee only.

Lloyd's Register of Shipping.

(Report on Machinery, No. 98877 Port Newcastle)

No. 1472 ENGINE FORGINGS OR CASTINGS

Sd F8786

I have to report that the Forgings or Castings, as herein described, manufactured by Messrs. N. Hingley & Sons Ltd. of Dudley Order 428/S.R./454/40 for the Engine No. being constructed by of Messrs. North Eastern of Marine Engineering Co., for the Ship No. being built by FRANK RIG of Sunderland. have been inspected by me as set forth below, and found to be, so far as can be seen, sound and free from defects. These have been despatched to

Mark on Forgings XXXXXX

Wm. Crinick.

Birmingham. 2/10/40.

Lloyd's

No. 978

H. McC. 27/9/40.

	CRANK SHAFT XXX	THRUST SHAFT XXX	INTERMEDIATE SHAFT XXX	AXLE SHAFT XXX
	1 Tail Shaft			SCREW SHAFT XXX
	FLYWHEEL SHAFT XXX			
Material* ...	Steel			
How made ...	Forged			
if Annealed...	Yes			
Dimensions	9 1/2" dia.			
Weight } Forgings	1-6-3-16			
Weight, Castings ...				
Progress on } Inspection }	Rough Machined,			
TEST RESULTS.				
Ultimate Tensile.	396			
Tons per sq. in. ...	29.6			
Yield Point.	-			
Tons per sq. in. ...	-			
Extension per cent on...2...inches ...	40.0			
Red. of Area % ...	-			
Cold Bending Test...	180 WF.			
Dates when Inspected	25/9/40 27/9/40			

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:-

Examined on completion of machining.
continuous bronze liner fitted satisfactorily
& examined on completion Stamped
Fitting lines 10/-
Expenses 8. 0.
Fee (if any chargeable) £1. 1. 0.
To be paid at Birmingham.
440 YDS N° 978
N.H.F. 4/10/40
W397-0003

* If of wrought iron, state whether piled bars or scrap. If of steel, state whether made by the Open Hearth process.

10m, 11, 30. (MADE AND PRINTED IN ENGLAND)

Received by me, 19

Travelling expenses (if chargeable) ...

to Register Book.)
Voyage
of Classification (which must be as in Register Book & Supplement)
MATER. Survey and of Surveys.
Years assigned and expired.
Machinery (including d...
+L...
75...
N.S...
T.S...
3-8-37
of funnel(s)
isted under steam?
isted under steam?
ey Boilers?
ey Boilers?
ey Boilers?
e fitted at the after end of being efficiently lubricated
t the after end of Efficiently lubricated?
er bearing of screw shaft power fitted
propeller for
hush, interior
Hank...
with the
the vessel
ok, consequent upon B.S. 9, 11, B.&N.S.
to fresh r