

COPY.

Lloyd's Register of Shipping,

71, Fenchurch Street, E.C.3.

Enclosure.

30th October, 1857.

Dear Sirs,

E. I duly received your letter of the 22nd instant, forwarding a plan, in duplicate, of shafting proposed for The Wallsend Slipway & Engineering Co's Contract No.933 - Messrs. Swan, Hunter & Wigham Richardson's Yard No.1555.

This plan has been examined, and with Triple Expansion Steam Reciprocating Engines for Ocean Going Service, having diameter of cylinders 26", 44" and 74", stroke 48", working pressure 220 lb. per sq. inch, diameter of propeller 19'-0" and screw shaft with continuous liner, the following sizes of shafting will be approved, viz:-

Crank Pins .....	15.1/4" dia.
Journals .....	14.3/4" dia.
Thrust .....	14.3/4" dia.
Intermediate .....	14" dia.
Screw .....	16" dia.

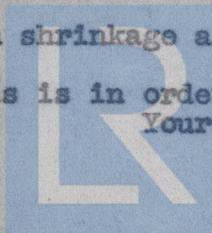
The plan showing details of crank and straight shafting will also be approved, and one copy is returned herewith

It is noted that dowel pins will not be fitted to the crankshaft, and with shrinkage allowance and yield point of material as proposed this is in order.

Yours faithfully,

The Surveyors,

NEWCASTLE-ON-TYNE.



Lloyd's Register  
Foundation  
Secretary.

W186-0288