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Lloyd's Register of Shipping,

71, Fenchurch Street, E.C.3.

Enclosures.

31st March 1939.

Dear Sirs,

E. I duly received your letter of the 24th instant, enclosing plans of Boilers and Shafting proposed by Messrs. Hall, Russell & Co. Ltd. for their Yard No.751.

The plans have been examined and I have to inform you as follows:-

Boilers. The plan of cylindrical boilers will be approved for a working pressure of 215 lb. per sq. inch, provided the boilers be constructed under the usual conditions of survey and testing.

The Steel Testing Surveyors should be advised regarding the tensile strength of the shell plates, butt straps and girders, viz:- 29-33 tons per sq. inch.

Shafting.

With double compound steam reciprocating engines, for ocean going service, diameter of cylinders two at 15", two at 32", stroke 32", working pressure 215 lb. per sq. inch, cut-off in H.P. cylinders 50% maximum, diameter of propeller 12'-6", screw shaft with continuous liner, the following sizes of shafting will be approved, viz:-

Crank.....	10 $\frac{1}{2}$ " dia.
Thrust.....	10 $\frac{1}{2}$ " dia.
Intermediate.....	9 $\frac{3}{4}$ " dia.
Screw.....	10 $\frac{1}{2}$ " dia.

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Hall, Russell & Co's Yard No.751

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The plan showing details of shafting will also be approved. .

It is noted that the engines for this vessel are a duplicate of those fitted in the same Builders' Yard No.732.

Two sets of the plans are returned herewith.

I am, Dear Sirs,

Yours faithfully,

Secretary.

The Surveyors,

ABERDEEN.



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W1044-0075²
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