

S/S "HOPESTAR"

Boiler  
endorsement

Shipbuilders: Messrs.

Yard No.

Makers: Messrs. *The Wallend Slipway & Eng. Co. Ltd.* Boiler No. *415 B*

It is submitted that the plan of *Cylindrical Multitubular* boiler merits approval for a working pressure of *285 lb.* per sq. inch, provided the boiler 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, viz: 31-35 tons/sq. inch., girder plates: 29-33 tons/sq. inch & furnaces 27 to 30 tons/sq. inch.*

*The number and size of the safety valves as indicated on the plan are noted and in order it being concluded that the valves will be of the Cockburn "Improved" high lift type. The plans forwarded with the surveys letter of 23rd ulto. have been cancelled.*

Return plans *(two)*  
Retain <sup>one</sup> copy.

*Jh.*  
*13/3/46*