

ENGINE ARRANGEMENT Endorsement.

Builders: Messrs. *Harland & Wolff, Ltd.* Yard No.  
Engineers: Messrs. *S. S. LANDAFF CASTLE* Engine No.  
Remarks: Messrs. *Conversion to Oil Fuel Burning*

It is submitted that the plan of ~~amended~~  
Pumping Arrangement

merits approval, provided the arrangements be as  
shown and amended on the plan and the remaining

requirements of Sections 20 and 34 of the Rules (1938-9)  
be complied with so far as they are applicable.

*It should be pointed out that if  $400 \times 407$   
double bottom tanks can be pumped up by the  
ballast pump, the total cross-sectional area of  
the air pipes should be not less than that of  
the respective filling pipes or the ballast pump  
discharge, whichever is the less.*

2 plan.s  
copy.

*Lr 7/3*

*W.D.P.*  
*C.P.P.*

*J.R.C.*  
*6/3/39*

*W 193-0047*

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