

# Report of Survey for Repairs of Engines and Boilers.

No. *4219* (No. 20476)  
 No. in Reg. Book. *343* Survey held at *Glasgow* Date, first Survey *March 17<sup>th</sup>* Last Survey *March 28<sup>th</sup> 1876*  
 on the *Wood S. S. Black Diamond* Tons *134*  
 Owners *Gilmour & Co.* Port belonging to *Leven* Classed *A1*  
 Years assigned *3.75* Character in Register Book.

Diameter of Cylinder *30"* Engines made at *Kilmarnock* When made *not ascertained*  
 Length of Stroke *22"* By whom made *Messrs Barclay*  
 Pressure of Steam *18*  
 Nominal Horse Power *45*

Particulars of Repairs and Examination *Engines. Cylinders bored out & new packing rings fitted. Also lateral new springs. Slide valve gear overhauled. Main bearings examined. Sea cocks all ground & overhauled. New Donkey pump  $4\frac{1}{2}" \times 7\frac{3}{4}"$  stroke, has been fitted with new sea cock for same.*

*Boiler. It has been lifted up & bottom examined, & repaired in three places at ends. Furnace crowns have all been pieced at back about 9". Uptake repaired & made good.*

*The above repairs have been executed by Messrs Neil & Lindsay, Glasgow, and are in my opinion satisfactory.*

The Amount of Fee *£ 2 : 2 : -* received by me, *17<sup>th</sup>*  
 Certificate (if required) *£ - : - : -* April 1876  
 Travelling Expenses, if any, *£ 0 : 10 : 6*

Committee's Minute *18*

*James Mullison*  
 Engineer Surveyor to Lloyd's Register of British & Foreign Shipping.

