



IS A DONKEY BOILER FITTED? *No*

If so, is a report now forwarded?

SPARE GEAR. State the articles supplied:—

*Two each top & bottom end connecting rod bolts nuts, Two main bearing bolts nuts, One set of coupling bolts nuts, One set each of feed & purge valves, A quantity of assorted bolts nuts, Iron of various sizes.*

The foregoing is a correct description,

FOR AMOS & SMITH LTD.

*W. S. Hide*

Manufacturer.

Managing Director.

Dates of Survey while building { During progress of work in shops -- } 1913 - Apr 24, May 5, June 18, 27, July 8, 14, Aug 21, 29, Sep 3, 8, 13, 23, 25 Oct 1, 3, 15.  
{ During erection on board vessel - - - } Oct 16, 17, 20, 21, 22, 27.  
Total No. of visits 27

Is the approved plan of main boiler forwarded herewith *yes*

Dates of Examination of principal parts—Cylinders *8.9.13*, Slides *8.9.13*, Covers *25.9.13*, Pistons *25.9.13*, Rods *23.9.13*, Connecting rods *23.9.13*, Crank shaft *23.9.13*, Thrust shaft *29.8.13*, Tunnel shafts , Screw shaft *29.8.13*, Propeller *29.8.13*, Stern tube *29.8.13*, Steam pipes tested *21.10.13*, Engine and boiler seatings *3.9.13*, Engines holding down bolts *20.10.13*, Completion of pumping arrangements *20.10.13*, Boilers fixed *20.10.13*, Engines tried under steam *22.10.13*, Main boiler safety valves adjusted *22.10.13*, Thickness of adjusting washers *SV 1/4" PV 1/4"*, Material of Crank shaft *Steel*, Identification Mark on Do. *1178*, Material of Thrust shaft *Steel*, Identification Mark on Do. *1178*, Material of Tunnel shafts , Identification Marks on Do. *1178*, Material of Screw shafts *Iron*, Identification Marks on Do. *1178*, Material of Steam Pipes *Copper solid drawn*, Test pressure *400 lbs hyd. press*, Is an installation fitted for burning oil fuel *no*, Is the flash point of the oil to be used over 150°F.

Have the requirements of Section 49 of the Rules been complied with

Is this machinery duplicate of a previous case *no* If so, state name of vessel

General Remarks (State quality of workmanship, opinions as to class, &c. *The engines and boiler of this vessel have been constructed under special survey in accordance with the Rules. The materials & workmanship are sound and good. The boiler tested by hydraulic pressure and with the engines secured on board and tested under steam they are now in good order and safe-working condition, and respectfully submitted as being eligible in my opinion to be classed with the notation of +LMC 10.13 in the Register book.*

It is submitted that this vessel is eligible for THE RECORD. + LMC. 10.13.

*JWD 12/11/13* *A.R.R.*

The amount of Entry Fee ... £ 1 : : When applied for, Special ... £ 13 : 4 : 7.11.1913 Donkey Boiler Fee ... £ : : When received, Travelling Expenses (if any) £ : 2 : 9.29/11/13

*J. G. Mackillop*  
Engineer Surveyor to Lloyd's Register of British & Foreign Shipping.

Committee's Minute TUE. NOV. 11. 1913

Assigned + Lmb 10.13

MACHINERY CERTIFICATE WRITTEN.

