

(Received at London Office)

FRL 15 FEB 1920

yes. surveyors at Philadelphia  
not handing to Captain.

Is a Certificate required? If so, to be sent to yes.



examined, tube plates repointed, a number of tubes renewed & about 40% of ferrules; condensers tested & found satisfactory. All valves, cocks, pipes & strums removed, examined & thoroughly overhauled & subsequently tested. The pumping arrangement is in accordance with my sketch dated 28 January last & approved at per Secretary's letter of the 7th February & the vertical pump fitted (Westminster type) for oil pumping when vessel was arranged for carrying oil in the double bottom tanks has been additionally connected to the general bilge system. Boilers examined internally & externally (all cladding & insulation removed & renewed) & found to be in good condition all plain tubes having been renewed also & reinforcing rings fitted round each furnace after setting up deflections; I advised two rings per furnace would have been sufficient but Owners decided to fit as advised. All boiler mountings spiced up or removed overhauled & made efficient; air heater boxes repaired & placed in good order; outer funnel casing 50% renewed. All steam pipes removed, examined & found or placed in good condition. All auxiliary machinery thoroughly overhauled. Machinery & boilers tried under service conditions for 3 hours with satisfactory results.

Spare gear on board is in excess of requirements; spare gear recommended does not include crankshaft, propeller & shaft & a second valve spindle otherwise in excess of list in Rules; auxiliary machinery spares are in accordance with good practice.

Boilers were found to be of scantlings in no case below those given on approved plan; please see Secretary's letter dated 22nd September 1926. & I am of opinion are in fit condition for the original working pressure of 16 kilos.

R.R.L.

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THE MARGIN.