

Instructions for the Special Survey No.1 of the steamer "ALTATA".

For the Special Survey No.1 on this vessel she should be placed on the slipway for the examination of the bottom, the rudder, propeller and the sea connections, the holds, bunkers and the fore and after peaks should be cleared, and the limber boards and at least one other strake of ceiling on each side should be removed to admit of the proper examination of the floors, framing, plating and sheathing of the hull ^{both} inside and outside, all fore and aft including the machinery space. The chain cables should be ranged for inspection and the length and size of the same measured, observing that the original cables consisted of 120 $\frac{1}{2}$ fathoms of 11/16 inch chain cable and 45 fathoms of 8/16 inch stream chain. The anchors should also be examined. The anchors supplied to this vessel when built were as follows:-two bower anchors, a stream and a kedge anchor. The masts, rigging and general equipment should also be examined and their condition, as well as the condition of the decks and other parts of the hull examined should be stated on the report form sent for the purpose. The Surveyor should also express his recommendation as to the repair ^{which may be now necessary} of damage or wear and tear and state on his report what repairs if any are effected to the hull of the vessel. *at this time*

Instructions for the Special Survey of the Machinery.

The vessel should be placed on the slipway. The screw shaft, drawn in and examined. ^{And their fastenings} The propeller, stern bush, sea-connections, cylinders pistons, slide valves, pumps, condenser, crank shaft, thrust shaft and tunnel shaft examined. The main and donkey boilers should be ^{Carefully examined inside and outside and the condition of} opened and the various parts, together with the safety valves, examined, and if found in good condition, ^{such as shells, stays, tubes, tube plates, combustion chambers, screw stays, furnaces} the safety valves to be ^{a safe working pressure which should not exceed} adjusted under steam to the pressures ^{for which the boilers were originally constructed} given in the Register Book, viz. main boiler pressure 75 lbs. Donkey Boiler pressure 75 lbs.

In the event of the boilers being found defective in any way, the Surveyor should make the necessary recommendations as to repairs requisite ^{which should be stated in the report and also the repairs actually executed}

the defects must be taken into consideration and the safety valves adjusted to a safe working pressure.

The safe working pressure to which the safety valves are to be adjusted should be determined by the actual condition of the boilers.

The surveyor should state on the report in detail the result of the examination of each part of the machinery above enumerated and also whether the heating surfaces of the boilers are properly clean.



© 2021

Lloyd's Register
Foundation

0346²/₁₂