

delivery valves in order. Circulating pump, in order, india rubber valves renewed. Air pump
 opened all metallic valves in good condition have been recently renewed. Ballast pump
 disconnected, piston for steam cylinder skimmed up, water cylinder piston rings renewed.
 Feed pumps (auxiliary) overhauled. Evaporator opened, coils scaled, safety valve and pressure
 gauge put in order. Valve chests opened and valves overhauled. Reversing engine in order.
 Steering engine, control and piston valve chambers opened, rings overhauled, neck and
 gland bush renewed. Examined feed water pipes, bilge pipes in the engine room, main
 injection pipe and discharge pipe in order. Dynamo in good working condition.
 Annual main boiler survey. Three marine multitubular boilers with three corrugated
 furnaces each. Now done: furnaces, combustion chamber plates scraped, all smoke tubes
 cleaned, steam and water space scraped and washed. Gauged furnaces found all
 crown down as follows: starboard boiler furnaces down about 1"; centre boiler, starboard
 furnace crown down about 1/2", centre furnace and port furnaces 3/4"; port boiler, port
 and starboard furnaces crown down about 1" and centre furnace 3/4". Starboard boiler,
 starboard wing furnace, cast iron bridge^{plate} renewed. Main feed, check valves for all boilers
 renewed. Main stop valve for port boiler valve faced in lathe, bush renewed. Main
 stop valve for centre boiler bush renewed. All zinc slabs renewed.
 Examined boilers inside, found centre boiler four main stays slightly worn, still
 efficient; all combustion chamber stays, dog stays, internal feed pipes in order. Examined
 safety valves, blow down valves, steam and water gauges in order. Found all manholes
 reinforced by electric welding.
 Tested all three boilers under full head of steam safety valves adjusted they blow off
 at 100 lbs.

Jack Corbin
 Surveyor to Lloyd's Register

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S.S. No. 1 and 2 of old
 Minor repairs effected.

11/11/22

When the per
 connections have
 been examined

J. H. Corbin



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