



Thrust shaft, collar and pads, intermediate shafting and plummer block bearings, examined and found in good condition.

Main turbine throttle and control valves examined.

Main and auxiliary condensers examined and tested.

Main motor air cooler cleaned, tested and examined.

Two lubricating oil coolers, feed water heaters, examined and tested. Deaerating heater examined.

The following auxiliary machinery opened, examined, found or now placed in good condition.

Two auxiliary turbo-driven generator units, turbines, reduction gear and governors.

Two turbo driven feed pumps, turbines and water ends examined, also one vertical simplex feed pump.

Examined the following pumps complete with electric motors.

Two main and auxiliary condensate, main and auxiliary circulating water, two lubricating oil service, two oil fuel service, two bilge, two fire and butterworth, evaporator feed and two freshwater, one sanitary and one salt water service, three main cargo, two stripping.

Examined the following steam down pumps:-

One bilge and ballast, two fuel oil transfer, in aft pumproom one cargo stripping and one bilge, in forward pumproom one ballast and one bilge.

Two evaporators, air ejectors, two air compressors with air receiver, evaporator and air receiver safety valves adjusted under pressure.

Pumps and piping arrangement throughout examined.

Electrical:- Main propulsion motor examined, two auxiliary generators, all motors, main and auxiliary switchboards, distribution panels, circuits and fittings throughout were examined, insulation resistance megger tested, (June, 1948) and found or now placed in good condition. Generators, motors and all equipment examined under working conditions.

NOTE:- It was stated that the wood signal mast would shortly be removed as the undersigned represented the Owner, the Master request to omit the lightning conductor was agreed to. and the changing of fuses from renewable to cartridge filled (refractory material) type to be completed.

The requirements of classification surveys LMC-BS and electrical completed at this time subject to completion of changing fuses to Rule requirements and a spare propeller being supplied.

Repairs Now done:- Main circulating water pump, spare impeller and shaft fitted and bearings renewed, original impeller dressed up for spare gear.

Auxiliary circulating water pump, shaft journals trued and bearings retalled, sealing rings reconditioned.

Main feed pump (turbo units) water end casing of both pumps, cleaned out corroded areas and built up by welding, shafts and bearings reconditioned.

Auxiliary generator turbine shafts honed and carbon packing renewed.

Butterworth heaters tested and all joints renewed.

Deaerator heater ball float shaft renewed.

Main motor air cooler inlet cooling water valve renewed. Stern gland repacked.

Evaporators (two) internal baffles renewed, coils annealed and tested.

Service air compressor reconditioned, bottom end brasses renewed.

Emergency diesel generator unit, fuel pump renewed and radiator repaired.

CO<sub>2</sub> fire extinguishing systems overhauled by makers and placed in good condition.

Engine room fuel oil transfer pump fitted with extension control rod from freeboard deck.

**Boilers:-**

10 sootblowers reconditioned.

Brickwork front walls rebuilt and remainder repaired.

Air heater tubes tested and renewed, 29 pieces Port and 5 pieces Starboard.

Safety valve drain pipe on Port boiler renewed.

**Electrical:-**

Main circulation water pump motor, stator complete by rewound and bearings renewed.

Forced draft blower motors, (3), commutators skimmed and recut, all recoated and baked out, brushes renewed.

Starboard motor ball bearings renewed.

Starboard auxiliary amplidyne cleaned, recoated and baked out, commutator skimmed and ball bearings renewed.

All motors cleaned, control contactors and all panels throughout placed in good condition.

Main motor ammeter repaired, shaft revolution indicator motor cleaned, baked out and repainted, commutation trued.

Gyro compass reconditioned by Sperry representative.

Navigation panel fitted with second feed from midship panel and with change over switch.

Minor repairs carried out to machinery, boilers and electrical equipment.

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