

Port Centre Aux. Engine- In its entirety including air compressor.

Pumps- Forward water circulating pump for the main engines.

Forward sanitary & fire pump.

Emergency bilge and fire pump.

All found or now placed in good condition.

Examined internally and externally the port oil fuel settling and daily service tank, the two small upper heavy oil tanks together with their valves, controls and connections and found in good condition.

Examined internally and tested hydraulically to 60 kg/cm² the port air receiver for the oil engine driving the emergency generator and found satisfactory.

FOR DONKEY BOILER SURVEY- Examined internally and externally the two donkey boilers together with their safety valves, mountings and doors and after repairs as under placed in good condition. Afterwards examined both boilers under steam and adjusted their safety valves as above. Oil fuel burning arrangement examined under working conditions and found satisfactory.

FOR DOCKING- Vessel placed in dry dock; examined propellers, outside and inside fastenings, refrigerating machinery sea injection and overboard discharge valves, sanitary & ballast pumps injection valves and found in good condition. Funnel examined, so far as practicable, and found in order.

REPAIRS- Port Main Engine- N°6 piston, previously repaired by fitting a screwed plug to the crown, now replaced by a new spare one. All pistons removed ashore, cleaned internally, tested hydraulically to 60 kg/cm² and found satisfactory. N°5 bottom end bearing brass, white metal found cracked, retailed.

Starb. Main Engine- N°6 piston, previously repaired by fitting a screwed plug to the crown, now replaced by a new spare one. All pistons removed ashore, cleaned internally, tested hydraulically to 60 kg/cm² and found satisfactory. N°6 top end bearing brass, white metal found cracked, retailed.

Port Centre Aux. Engine- All gudgeon pins skimmed up and their top end bushes renewed. Cooling water and lubricating oil pumps attached overhauled. Compressor air cooler cleaned and tested.

DONKEY BOILER REPAIRS-

Port Donkey Boiler- A few defective plain smoke tubes renewed.

Starb. Donkey Boiler- A few defective plain smoke tubes renewed.

Furnace crown, found deflected and cracked in way of original welding, cropped; new crown fitted secured in place by welding and riveting.

On completion of repairs boiler examined under hydraulic test and found satisfactory.

ALTERATIONS- At this time, at the Owners' desire, an additional emergency fire pump (vertical alternating pump electrically driven of about 70 tons capacity) has been fitted in the steering engine room. The alteration has been carried out satisfactorily and

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tried under working conditions with satisfactory results.

At this time, a fire extinguishing apparatus, consisting of 108 CO2 bottles (about 3000 kg. of CO2) has been fitted on board. All bottles are installed in a station on main deck aft and the arrangement is such that the gas may be conveyed to the machinery spaces and/or to all cargo spaces.

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