





M.S. (cont) Steering engine, "Corimer" diesel generating set (emergency), auxiliary turbo-generator and found or placed in a satisfactory condition.

Steam pipes tested to rule requirements and found satisfactory.

B.S. Both water tube boilers examined internally and externally together with their mountings, superheaters, manholes, hand holes, doors and their fastenings and found or placed in a satisfactory condition. Safety valves adjusted under steam as noted.

#### REPAIRS (WEAR & TEAR)

MACHINERY Main turbine, bearings renewed & original bearings reinstalled for spares.

Main turbine lower exhaust casing struts eroded due to steam impinging on them, clips now tack welded on them so as to take the steam impingement.

Starboard turbo-generator, rotor shaft in way of carbon segments corroded, shaft now ground true and segments renewed.

Ships service air compressor high pressure gudgeon pin slack, now renewed.

Main condenser overboard discharge pipe (copper) pitted internally, now built up and tinned internally with solder and hydraulically tested.

Main injection valve chest pitted internally, pitting built up by electric welding and now considered satisfactory.

Main sea circulating pump, sealing rings renewed and bearings reinstalled.

Sanitary pump, impeller and gland sleeves renewed.

After fuel pump turbine, shaft ground true in way of carbon segments and segments renewed, after journal machined and bearing reinstalled.

Windlass engine, one piston valve renewed and cage machined, a number of pins and bushes renewed.

Steering engine, lower guide bearing slack, now renewed.

Sundry minor repairs effected.

#### BOILERS

Starboard boiler, 10 fire tubes renewed.

Port boiler, 3 fire tubes renewed, 1-1 1/4" tube choked now renewed.

500 air heater tubes renewed between each boiler

Both boilers hydraulically tested on completion of repairs and found satisfactory.

Hurnace brick work renewed where necessary in each boiler.

Trials Main and auxiliary machinery examined under working conditions in dock and found in a satisfactory condition.

License checked and work verified.

#### Electrical Equipment

Repair. Rotor of main propulsion alternator removed to works and opened up for inspection due to suspected faulty insulation. Fault located in slot insulation. Recommended faulty coils be removed and new insulation fitted. As the repairs require considerable time, the owners decided to remove the rotor from the "Easo Manchester" alternator now at Ayrmouth & fit same in "Easo Locker". This work has been carried out, the machine balanced in place, tested under working conditions & found satisfactory. Insulation test of unit carried out. The rotor now being repaired will, when completed, be fitted in the "Easo Manchester". Other minor repairs effected - found satisfactory.

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