





Machy Repairs: The following machinery was examined upon being opened up for repairs:

HP. turbine & rotor & casing. No. 3 Dynamo Engine, Windlass Engine.

Turning Engine & Fan Engine:

Wear & Tear Repairs:

HP. turbine rotor & casing cleaned.

Turning Engine: Valve chest found fractured.

Castings pre-heated & fracture cut out & electrically welded & bronze patch fitted round outside as reinforcement. The chest was then water tested to 150 lb./sq. & found satisfactory.

Dynamo Engine

Cylinder Piston Valve chamber bored out & Piston Valve renewed.

Eccentric Strap & cyl. Piston rings renewed.

Crankshaft tested in lathe for truth found bent at neck from crank web.

New crankshaft now fitted.

(Works test certificate attached)

Main & Bottom end bearings renewed.

SRH: Fan Engine: Fan engine rebuilt with new cylinder & cover, neck & gland bushes, Piston & Piston Valve, frame with end cover, guide bar Valve spindle guide, back & front doors, piston rod with slippers, crosshead brasses & bolts, connecting rod with bottom end brasses & bolts & Oil Pump complete.

Alterations: The donkey (or Auxil) boiler has now been removed from the Vessel.

A New Main boiler has been installed between existing P & S main Boilers.

P & S main boilers have each been moved out, & seatings altered to suit.

New main boiler installed on new seatings in centre.

Steam pipe & feed pipe arrangement made & installed as per approved plan & all new pipes tested as per rules.

Safety Valves adjusted under steam to 28.5 lb./sq.

Accumulation Test carried out & found satisfactory.

Survey Report of New boiler & plans attached.

J. W. Walker.