

LIST OF SPARE GEAR ETC

T.S.S. "STRATHNAVER" - Vickers-Armstrongs No.663.

Machinery:- 2 complete sets of spare parts for Reversing Contactors.
 2 " " " " " Field " "
 2 " " " " " Motor Field " "
 2 " " " " " Booster " "
 1 " set " " " Protective Contactor Panel
 8 Control valve spindles, nuts & seats.
 2 Bypass " " "
 10% of Blading, Spaces & shrouding.
 47 Bolts & nuts, or studs for each turbine casing joint.
 1 Thrust bearing, 1 Governor end bearing.
 1 Turbine centre bearing.
 Shaft Gland packings, springs etc.
 20 Oil Cooler tubes. 22 Carbon brushes & brush holders,
 for Main Alternators.
 2 Bearings for Alternators.
 20 Air Cooler tubes.

Impeller Motors:- 20 Carbon Brushes & 10 holders.
 2 Bearings; Statn Coils; 20 Air cooler tubes.

Driving Motor:- 1 Armature, 8 Carbon brushes, 2 bearings.
Rotating Fans:- 1 " " " "

Oil Circulating Pumps:- 1 Armature; 8 Carbon brushes; 2 bearings.
 4 Pump Gears & 4 Pump bearings.

750KW Generators:- 1 complete steam rotor. 2 Governor end bearing.
 2 Thrust bearings; 2 exhaust end bearing.
 4 Pinion bearings. 39 shaft packing rings. 29 springs.
 1 Emergency Governor. 12 Governor spindles. Bushes.
 Bearings. Bolts, studs & nuts etc. Condenser tubes.
 1 Armature, bearing liner, main field & complete coils
 & carbon brushes for generators. 1 Impeller & spindle
 & 2 bearings for Water Circulating Pumps.

400KW Generator:- 1 Steam rotor complete. 1 Thrust bearing. 1 Governor
 end bearing & 1 exhaust end bearing. 2 Pinion bearings
 1 Emergency governor. Shaft packings & Springs.
 1 Armature., Bearing liner, 6 mainfield coils. 260
 carbon brushes. 1 Impeller & spindle, & 2 pump bearings
 for circulating pump.

Condenser:- 200 tubes. 400 Ferrules & packings.

O.F. Transfer Pumps:- Rod & bucket. 1 set suction & delivery valves;
 worm wheel & ring rim. 1 Armature & 1 set of brushes.

Oily Bilge Pump:- Pump rod & bucket; 1 set suction & delivery valves
 worm & worm wheel rim; 1 armature & 1 set brushes.

List of Spare Gear.

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Emergency Bilge Pump:-

Impeller & Spindle, 1 set brushes. Float Gear. Air pump. Piston springs, discharges, v valves & springs
1 Armature. 1 set brushes. 1 set of ~~main~~ motor bearings with thrust bearings.

Sea & Ballast Pumps:-

2 Impellers, 1 Spindle. 1 set of bushes. Air pump piston rings. Discharge valves & springs. 1 Armature
1 set of brushes. 1 set of bearings with thrust bearings.

Secondary Bilge Pump:-

Impeller & Spindle. 1 set of Bushes. Air pump, piston Discharge valves & springs. 1 Armature. 1 set of brushes. 1 set of Bearings with thrust bearing.

Reaction Pumps:-

2 Impellers & 1 spindle. 1 Armature. 1 set brushes & holders.

Ejectors:-

2 sets steam nozzles with holders. 2 set stabilizing valves. 16 Brass tubes.

Reduced Draught Fans:-

1 Armature & 1 set Brushes for each size fitted.

Steam Turbine Feed Pumps:-

Steam Turbine Wheel & shaft complete. Impeller. 4 sets of carbon packings with springs. 1 set of bearings. 1 set of pump packing rings.

Reciprocating Feed pump:-

Bucket with rings complete. piston rod & pump rod with crosshead and nuts. 1 set of piston rings. 1 set of suction & delivery valves & seats, springs etc.

Main Circulating Pumps:-

Impeller & shaft. 1 set of bearing bushes. 1 armature & 2 sets of brushes & holders.

Secondary Circulating Pumps:-

1 Impeller & shaft. 1 set of bearing bushes. 1 armature and 2 sets of brushes & holders.

Standby Feed Pumps:-

Pump bucket with rings, pump rod with piston rod, & crosshead & nuts. 1 set piston rings. 1 set of suction & delivery valves & seats, springs etc.

Impellers. 1 screw shaft complete. 10 coupling bolts & nuts. 16 thrust
4 adjusting liners. 1 set of safety valve spring of each size. 6 main
auxiliary check valves. 3 spindles. Assorted bolts and nuts, studs, rod
sheet steel and bronze.



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