

Q.S.S. "CONTE DI SAVOIA".
Cantieri Riuniti dell'Adriatico No. 783

LIST OF SPARE PARTS FOR MACHINERY.

HP Turbine.

2862 turbine blades - Monel metal.
2414 distance pieces - steel
22,5 metres blade strips - Monel metal.
2 top bearings
2 bottom bearings
1 coupling with 1 nut and 2 keys.
4 Aspinall springs.

MP turbine.

1270 turbine blades
1050 distance pieces

LP turbine.

18584 turbine blades
18370 distance pieces
2,7 metres blade strips
1 top and 1 bottom bearing
1 coupling with nut and 2 keys.

Reduction gear.

1 HP and MP pinion.
1 LP " "
2 threaded nuts for H & M P pinion.
" " " " L P " "
2 top and 2 bottom bearings for ends of H & M P pinions
" " 2 " " " centre " " "
" " 1 " " " ends of LP " "
" " 1 " " " centre of " "
2 bearing halves for main wheel.

Main thrust bearings.

5 pads for each face

Line of shafting.

2 tail shafts with liners, with keys and nuts.
1 cylindrical coupling bolts
3 conical " "

Propellers.

2 port and 2 starboard propellers.

Main condensers.

100 cupro nikel tubes 19/16

300 " " " 19/17

200 ferrules

800 "crane" packings for ferrules

150 sq.m. oil cooler.

112 yellow metal tubes 16/13.56

200 "crane" packings for ferrules.

HP & MP feed heaters.

77 copper tubes 19/15

LP feed heater and heater-distiller.

45 yellow metal tubes 19/16.6

200 "crane" packings for ferrules.

Discharge cooler.

23 yellow metal tubes 19/16.6

100 "crane" packings for ferrules.

Heat recoverer of main ejectors.

15 copper tubes 16/14

Evaporators.

48 coil sections.

Condenser-distiller of evaporators.

20 yellow metal tubes 16/13.56

Turbine oil depurator heaters.

1 set of coils.

Main condenser circulating turbo pumps.

1 set of labyrinth packings for one turbine.

1 pump rotor with shaft.

Cernelli turbo condensator pumps.

1 set of labyrinth packings

1 pump rotor with shaft.

Weir electro condenser pumps.

- 1 set of rotors for one pump
- 1 rotor shaft

Cerpelli main feed turbo pumps.

- 1 set of labyrinth packings
- 1 pump rotor with shaft

Weir main feed turbo pump.

- 1 set of labyrinth packings
- 1 rotor for one pump with shaft

Lubricating oil turbo pumps.

- 1 set of labyrinth packings
- 1 pump rotor

Ballast electro pumps.

- 2 sets of valves
- 2 sets of piston rings
- 2 pump bearings

Emergency bilge electro pump for engine space.

- 1 rotor and shaft

Sanitary - fire electro pumps.

- 1 rotor and shaft

F.W. transfer electro pumps.

- 2 sets of valves
- 2 " " piston rings
- 2 pump bearings.

Feed & discharge electro pumps for evaporators.

- 1 set of feed pump valves
- 1 " " discharge " "
- 1 leather packing
- 1 pump bearing
- 8 bolts.

Engine reversing valves.

- 4 rings
- 20 piston rings
- 2 springs.

"Cockburns" emergency valves.

4 diaphragms

4 springs.

"Cockburns bulkhead valves.

2 sets (8 pieces) diaphragms.

Bluice valve on main circulating discharge.

1 disc

1 nut

2 bronze rings with bolts

1 steel ring with bolts

1 bush with bolts

Safety valves for turbines, etc.

One valve and spring for each size of valve used in the main turbine.

2 springs for feed water heaters.

1 " " condenser.

2 springs and 2 diaphragms for turbine gland reducing valve.

MAIN BOILERS.

324 steel tubes.

4 safety valve springs.

AUXILIARY BOILERS.

70 plain tubes

1 safety valve spring.

Main Boilers oil fuel burning arrangements.

40 burners complete.

2 set of steam piston rings for oil fuel pump

4 air distributors

1 set of springs of each type

2 tube nests for oil heater

Auxiliary Boilers oil fuel burning installation.

1 burner complete

1 set of air distributors.

Feed pumps for auxiliary boilers.

- 1 piston rod
- 1/2 set of valves
- 2 sets of piston rings.

Auxiliary condenser circulating pump.

- 1 set of valves
- 1 " " piston rings.
- 1 " " " " for Hotwell pump.
- 6 brass bushes.

Auxiliary Condensers.

- 7 cupro nickel tubes 16/13.6
- 7 Muntz metal ferrules
- 70 "crane" packings for ferrules.
- 4 yellow metal tubes 15.8/13.4
- 4 Muntz metal ferrules.
- 40 "crane" packings for ferrules.

Electric air compressors.

- 1/2 set of valves for one compressor.

Electric pumps for O.F. transfer pump and bilge pump.

- 2 sets of valves
- 2 " " piston rings
- 2 " " bearings.

Emergency electro pump for bilge and boilers.

- 1 impeller with shaft.

Steam turbines for turbo dynamos.

- 2 thrust bearings for shaft
- 1 set of bearings for turbines and reduction gears
- 2 steam valves with spindles (flexible part)
- 1 oil filter complete.
- 1 set of labyrinth packings for one turbine
- 2 " " springs " " "

