



FOR COMPLETION OF THE CURRENT CYCLE OF CS: (ctd.)

- O.F. transfer pump.
- Both O.F. pumps and heaters.
- Pumping arrangement.
- Condenser tested.
- Cascade tank and observation tank for heating coil returns.
- Steam pipes 3" bore and over annealed and tested.

FOR THE NEW CYCLE OF CS:

- Port M.E. Nos. 1, 2, 4, 5, 6 + 7 and starboard M.E. Nos. 1-6 cylinder covers, liners, pistons with gudgeon pins and bushes, connecting rods, crankshaft pins and bearings.
- Starboard main engine Nos. 4, 5, 6 + 7 crankshaft journals and main bearings.
- Port and starboard thrust and intermediate shafts.
- Starboard and centre auxiliary engines in their entirety.
- Both L.O. pumps.
- Windlass.

Main and auxiliary machinery, pumping arrangement, windlass and steering gear examined under working conditions and found good.

FOR DBS:

P+S donkey boilers examined internally and externally together with their mountings, manholes, doors and their fastenings. Safety valves adjusted under steam. Oil fuel burning arrangement examined under working conditions. Steam smothering arrangement verified. Control rods checked.

MACHINERY REPAIRS (OWNERS' ACCOUNT)

Port and starboard Schnittger propellers dismantled from screw shafts and placed on board as spare. The original port propeller, which had been previously dismantled, has now been refitted, and the starboard propeller has now been renewed. Marks on starboard propeller: LLOYD'S No. 4906. AVH 25.2.53 AVH.

Lignum vitae at port and starboard sides renewed at lower halves of stern bushes.

Main engines:

Starboard No. 6 piston crown renewed.  
Port main engine Nos. 1, 2, 4, 5, 6 and 7 and starboard main engines Nos. 1-6 gudgeon pins renewed. Eccentric pins port main engine Nos. 1,2,4+5 ground over, Nos. 6+7 replaced by spare, starboard main engine Nos. 1-6 renewed.  
Gudgeon pin bushes: port Nos. 1, 2, 4, 5, 6+7 remetalled, starboard main engine Nos. 1-5 renewed (incl. steel shells) No. 6 remetalled.  
Port main engine Nos. 1+6 and starboard main engines Nos. 1, 2+5, cracks in valve openings of cylinder covers metalocked.  
Starboard main engine camshaft driving chain renewed.  
Port and starboard main engine driven bilge pumps both housings and buckets renewed.

Auxiliary Machinery:

Port and starboard starting air compressors, both gudgeon pins machined, bushes remetalled. Pistons and valves dressed, bearings adjusted.  
Emergency compressor, pistons and valves dressed. HP piston rings renewed, bearings adjusted.  
Centre aux. engine, all pistons, covers and valves dressed, bearings adjusted.  
Starboard aux. engine covers, valves and pistons dressed, 3 gudgeon pin bushes renewed.  
Nos. 4, 5 + 6 crankshaft main bearings remetalled, all other bearings adjusted.  
Bilge pump valve chest dressed, bearings adjusted.  
Ballast pump, both gudgeon pins and bushes renewed, bearings adjusted, valve chest dressed.  
Aft feed water pump, bucket rings renewed, valve chest dressed.  
Sea circulating pump engine, piston and valve dressed, crankpin bearing remetalled.  
Sea circulating pump, impeller shaft machined, bushes and sealing rings renewed, impeller shaft coupling flange renewed.  
Aux. sea water cooling pump, impeller renewed, shaft machined, sealing rings and bushes renewed.  
General service and fire pump, impeller shaft, sealing rings and bushes renewed.  
Windlass, all piston rings renewed, rods and valve spindles machined, glands and neck bushes rebushed, all guides and bearings adjusted.

MACHINERY REPAIRS (DAMAGE ACCOUNT)

Starboard thrust shaft renewed, all coupling bolts renewed, existing bearings and pads dressed. Forging Rpt. No. 5024 attached.

DONKEY BOILER REPAIRS (Owners' Account)

- 4 c.c. wrapper plate stays renewed.
- 17 tubes expanded.

Note:

There are no fresh water coolers installed on board.  
The jackets are cooled by sea water, the pistons by lubricating oil.

B. J.



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Foundation

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TO NO.