

Rpt. 9a.

Port of Stockholm Continuation of Report No. 6960 dated 22nd July, 1948, on the

machinery of the s.s. "SJÖBRIS".

to blow at 100 lbs/sq.in.

REPAIRS, DUE TO WEAR AND TEAR, NOW EFFECTED:-

Propeller:-

Propeller renewed and old propeller placed as spare. A new propeller has also been ordered.

Sea cocks and valves:-

All valve housings brought to shop, sand blastered and coated.

Steam ice blowings fitted on all housings.

Main engine:-

H.P. piston rod skimmed in lathe and ground.

Rod end re-threaded and nut renewed.

I.P. piston rod skimmed in lathe and ground.

All slide rods skimmed in lathe ground and re-bushed.

I.P. slide valve face planed.

Guide faces planed and re-packed.

Crankshaft brought to shop, examined, indicated in lathe and found good.

New white metal fitted in main bearings.

Reversing engine overhauled.

Thrust bearing adjusted.

Cooling water pipes to thrust- and tunnel bearings renewed.

Condenser:-

Lower part of front end cast piece repaired by means of brass plate with through bolts.

Condenser partly re-tubed. Remaining tubes re-bushed.

Pumps:-

Circulating pump bucket renewed. The notation regarding this item to be removed from the S.R. List.

Pump rod skimmed in lathe.

Air pump piston rod skimmed in lathe.

Main driven feed water and bilge plungers skimmed in lathe and glands repacked.

Donkey pump brought to shop and overhauled.

Slide rods renewed.

Ballast pump brought to shop and overhauled. Steam and water piston rings renewed.

All pumps tested under working conditions after repairs and found to work well.

Boilers:-

Main boiler:-

Smoke uptake partly renewed.

Mountings overhauled.

Donkey boiler:-

All tubes (tested material) renewed.

Boiler chipped on water side when tubes renewed and coated with Apexior.

Boiler afterwards tested with 50 lbs/sq.in. water pressure and found tight.

Smoke uptake partly renewed.

Mountings overhauled.

Safety valve housing flange planed and housing repacked.

Funnel:-

Inner and outer funnels with flanges renewed.

NOTE:-

A Lindholmen 2-stage feed water pre heater installed as per attached certificate.



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Electric light installation:-

The electric light installation carried out as per plans approved on 16.4.48, switchboard as per alternative I on plan No. 600-29.

Data on steam driven generator:-

Make:- Laurence & Scott Electromotors Ltd.

No.:- 90131

Volts:- 110

Amps:- 91

KW:- 10

Rpm.:- 550

Compound wound.

Temperature, compounding, insulation and high voltage tests as per Rules carried out in shop in my presence with satisfactory results.

The harbour generator/^{set} consists of one unclassified Penta motor driving a generator made by Motorfabriken Eck, Partille. This generator has also been tested with satisfactory results.

Data:-

No. 20155.

Volts:- 115

Amps.:- 12.2

KW:- 1.4

Rpm.:- 850

A changeover switch is fitted on the switchboard so that the two generators can not be run in parallel.

A hydrofor pump has been installed.

The secondary batteries and their installation comply with the Rule requirements. The battery compartment is placed on the aft end of the boat deck.

All cables have been renewed.

The new cables used for the accomodation is of type ^{EDBL} ~~E.D., B.L.~~ and F.D.F.F. for wiring elsewhere as approved by Secretary's letter of 31.3.48.

The electric light installation Megger tested after completion with satisfactory results.

The Voltage drop is below the Rule requirements.

Copy of Interim Certificate, as issued to the Owners, is attached hereto.



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