





T.S.S. 'SAN CASTO'

accessible, visible and well lighted for their entire length and the joints found tight.

W & T repairs:-

Both screwshafts renewed on account of circ. fractures at big end of cone, and stern bushes renewed. Ident. marks on new shafts:-

Port LLOYDS 2055 18/4/52 CB

Starboard LLOYDS 2054 18/4/52 CB

A new screwshaft has been placed on board as spare. Ident. marks LR 2700 AG 12/5/52

Main discharge valve chest renewed. Stamped LR test 75 lbs. 2/4/52 *Thb.*

Ind. feed pumps - water end chambers skimmed out and buckets renewed.

Ind. circulating pump impeller shaft bearings reinstalled.

Starboard 5 KW dynamo engine piston valve and top end pin renewed.

Port M.E:- Crankshaft reconditioned (all journals and pins renewed) Cert. attached.

Crankshaft main bearings reinstalled.

Thrust shaft shoes reinstalled.

HP piston valve renewed also LP piston rings.

Attached pump link brasses renewed.

Starboard M.E:- Crankshaft reconditioned (all journals and pins renewed) Cert. attached.

Crankshaft main bearings reinstalled.

LP top end pin and piston rings renewed, also junk ring.

Attached pump link brasses renewed.

Port and Starboard main engine shafting aligned.

Windlass - cable lifters rebushed. Cable lifter pinion wheels and 2<sup>nd</sup> motion shaft pinion renewed.

Steering engine piston rods skimmed, neck and gland bushes renewed.

Boiler repairs:-

Port:- All furnaces renewed (Cert. attached.)

8 partition and 6 C.C. back stays renewed.

Starboard back tube plate cropped and partly renewed in way of furnace back seam and wrapper plate seam.

Main and aux. check valves, aux. stop valve and scum valve rejoined

to boiler shell. Main stop valve renewed. Stamped LR test 360 lbs. 1/5/52 *Thb.*

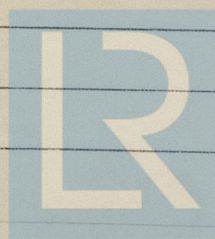
Starboard:- All furnaces renewed (Cert. attached.)

8 partition and 3 C.C. back stays renewed.

Main and aux. check valves, main and aux. stop valves and scum valve rejoined to boiler shell.

On completion of the above repairs, main and auxiliary machinery examined under working conditions and found satisfactory.

*Chas. W. White*



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S.S. "SAN CASTO"SURVEY OF ELECTRICAL INSTALLATION

FIRST SURVEY 18/4/52.

LAST SURVEY 12/6/52.

No. OF VISITS 4.

No. in Reg. Bk 25481

NAME OF VESSEL S.S. "San. CASTO"

Capacity of Installation K.W. 2-5Kws &amp; 1-25Kws Generators.

Nature of Survey Special Survey and Repairs

No. of Visits 4

Where Surveyed High Shields

A special survey of the electrical equipment was carried out, generators, cables, fittings and main switchboard examined and the following modifications and repairs were carried out.

The electrical installation was rewired and all equipment installed in accordance with rule requirements as per attached drawing. The 5 Kws generators were cleaned and overhauled and a 25Kws steam driven Campbell & Isherwood - 110v - 227 amps - 650 R.P.M. - Compound wound - continuously rated - drip proof generator Serial No. 15370 was added to the installation. A new main switchboard and midship switchboard was fitted and "AS FITTED" drawings are attached hereto. A Decca Navigator was also fitted this time.

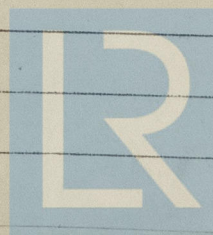
On completion of rewire and overhaul, the electrical installation was examined under working conditions, generators tested for governing and compounding and all circuits tested for insulation resistance. All were found satisfactory.

25Kws Generator certificate attached hereto.

W. Morris J. Wright

Elec. Smc fee = £10

Special Repair fee = £5.



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