

5.5 "COULBERT" "CONTINUED"

2/

Now done for docking & T.S. Vessel placed in dry dock & tail shaft drawn, found fractured & renewed. Propeller, stern tube (rewooded) & all outside fastenings examined & found in efficient condition. All sea valves (injection & discharge) opened up & examined & found in efficient condition.

Now done for B.S. Port & Starboard main boilers opened up & examined in entirety together with superheaters, safety valves, man holes, doors & their fastenings & all mountings & all found or placed in efficient condition. Boilers examined under steam & safety valves satisfactorily adjusted to above pressure.

Steam smothering, extended spindles & fire cutting machinery equipment examined & tested under working conditions. Repairs (see SRK) Port Boiler stop valve stem & disc renewed.

Now done for L.M.C. The following main machinery opened up & examined in entirety & found or placed in efficient condition.

H.P. I.P. & L.P. units together with cylinders, heads, covers, pistons, piston rods, crossheads & guides, top end bearings & pins, connecting rods & bottom end bearings & crank pins, crank shaft & main bearings, eccentrics, straps & valves & valve gear complete & intermediate shafting & bearings.

Main engine driven, air, sanitary & bilge pumps with driving links & bearings.

Main steam pipes, Main condensers & feed heater examined & hydraulically tested.

Repairs (wear & tear) Main condensers retubed & a number of minor repairs & adjustments carried out.

The following auxiliary machinery up & examined in entirety & found in efficient condition.

Port & Starboard generators, fan engine, aft feed pump, G.S. pump, Ballast pump, & fresh water pump, Auxiliary Condenser, & evaporator. Steering gear & windlasses. All electrical circuits together with generators, motors, switchgear, cables & fuses examined & megger tested & found satisfactory.

Repairs (wear & tear) auxiliary condensers retubed & hydraulically tested on completion & a number of minor adjustments carried out.

Main circulating pump opened up & water end casing found wasted & fractured in way of division wall. Temporary repairs carried out at this time.

On owners enquiry about delivery of new water end. It was stated that this would be at least six months.

55 "COUBOG"

CONTINUED 3

Temporary repairs carried out at this time are considered efficient meanwhile & it is submitted that owners request for a deferment of renewal for 12 months meets the favourable consideration of the Committee.

S.R.L. (additions) Main circulating pump water end casing to be renewed by the end of July 1952. (12 months limit.)

S.R.L. (deletions) Port Main Boiler stop valve stem & disc renewed at this time. It is submitted that this be now deleted from S.R. list.

N.B. It will be noted that with the exception of the forward pump, thrust shaft & block all items opened up for previous London survey (see London report 121775) have again been presented for survey.

In consequence of change of owners from Derwent Shipping Co to ^{NILE STEAMSHIP CO.} ~~Derwent~~ ~~Shipping Co~~ & also extent of present survey, it is submitted that owners request for later date of survey viz 7/51 meets the favourable consideration of the Committee.

Alterations Conversion to Oil Fuel burning

Oil fuel unit as per London report 10 No D24361 together with oil fuel transfer pump, G. & J. Wain No 246496 (see Glasgow pump cert C85459) & a 'Coastguard' oil fuel separator together with all necessary fittings as per Rules & approved plans have now been fitted on board.

Oil fuel fitting & hot oil fuel line tested to hull requirements steam smothering perforated steel pipes installed under boilers & around O.F. unit & satisfactorily tested under working conditions.

Two sand boxes, one ten gallon & four, two gallon chemical extinguishers together with hose connections, hose & suitable water nozzles fitted in stokehold.

Two, two gallon chemical extinguishers, hose connections, hose & suitable water nozzles fitted in engine room.

All lead pipe in engine & boiler spaces now replaced with steel pipes. No small dampers fitted.

All extended spindles fitted as per Rules & tested under working conditions & found satisfactory.

On completion of survey & conversion, all main & auxiliary machinery including steering engine, windlass & pumping arrangements examined & tested under working conditions on part & full power trials.